

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068394.D
 Acq On : 19 Feb 2021 11:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Feb 19 23:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	345645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	599476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	542210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	247364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183671	51.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.96%			
35) Dibromofluoromethane	7.920	113	189787	53.34	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.68%			
50) Toluene-d8	10.344	98	758357	51.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.84%			
62) 4-Bromofluorobenzene	12.632	95	245162	51.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	133431	42.13	ug/l	92
3) Chloromethane	2.209	50	166900	44.26	ug/l	96
4) Vinyl Chloride	2.350	62	199233	44.14	ug/l	97
5) Bromomethane	2.767	94	137324	42.56	ug/l	96
6) Chloroethane	2.920	64	131431	44.58	ug/l	97
7) Trichlorofluoromethane	3.273	101	246960	44.45	ug/l	97
8) Diethyl Ether	3.709	74	75840	46.48	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	149814	44.31	ug/l	93
10) Methyl Iodide	4.303	142	135726	42.74	ug/l	95
11) Tert butyl alcohol	5.214	59	58722	331.47	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	140871	42.85	ug/l	96
13) Acrolein	3.920	56	52505	259.19	ug/l	95
14) Allyl chloride	4.720	41	201848	47.23	ug/l	98
15) Acrylonitrile	5.426	53	169735	241.00	ug/l	99
16) Acetone	4.156	43	133893	245.60	ug/l	91
17) Carbon Disulfide	4.414	76	405215	42.56	ug/l	99
18) Methyl Acetate	4.720	43	72465	48.43	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	345435	46.57	ug/l	93
20) Methylene Chloride	4.967	84	176536	46.38	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	171436	45.06	ug/l	94
22) Diisopropyl ether	6.361	45	461792	48.82	ug/l	95
23) Vinyl Acetate	6.308	43	1200561	245.83	ug/l	97
24) 1,1-Dichloroethane	6.267	63	301534	46.59	ug/l	100
25) 2-Butanone	7.214	43	186025	244.05	ug/l	100
26) 2,2-Dichloropropane	7.208	77	262785	47.47	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	200940	46.46	ug/l	94
28) Bromochloromethane	7.550	49	147480	54.95	ug/l #	76
29) Tetrahydrofuran	7.561	42	118332	240.00	ug/l	95
30) Chloroform	7.714	83	316876	47.07	ug/l	96
31) Cyclohexane	7.985	56	249528	47.36	ug/l	93
32) 1,1,1-Trichloroethane	7.908	97	268619	46.18	ug/l	95
36) 1,1-Dichloropropene	8.114	75	240519	45.35	ug/l	96
37) Ethyl Acetate	7.291	43	87846	49.02	ug/l	97
38) Carbon Tetrachloride	8.097	117	233219	46.10	ug/l	97
39) Methylcyclohexane	9.355	83	290340	44.63	ug/l	97
40) Benzene	8.350	78	697886	46.14	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	57537m	55.78	ug/l	
42) 1,2-Dichloroethane	8.426	62	187615	46.50	ug/l	100
43) Isopropyl Acetate	8.449	43	164571	47.95	ug/l	99
44) Trichloroethene	9.114	130	188699	45.84	ug/l	98
45) 1,2-Dichloropropane	9.391	63	176908	47.93	ug/l	94
46) Dibromomethane	9.479	93	92832	46.36	ug/l	93
47) Bromodichloromethane	9.661	83	249387	48.04	ug/l	99
48) Methyl methacrylate	9.461	41	76699	44.78	ug/l	89
49) 1,4-Dioxane	9.467	88	20704	884.99	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	437787	248.39	ug/l	97
52) Toluene	10.402	92	451958	46.47	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	237862	49.51	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	275024	46.85	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	133708	48.34	ug/l	97
56) Ethyl methacrylate	10.661	69	156730	47.75	ug/l	98
57) 1,3-Dichloropropane	10.949	76	228618	47.10	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	456312	259.64	ug/l	92
59) 2-Hexanone	10.985	43	291191	244.41	ug/l	98
60) Dibromochloromethane	11.138	129	162994	47.49	ug/l	99
61) 1,2-Dibromoethane	11.249	107	121866	45.59	ug/l	99
64) Tetrachloroethene	10.879	164	147847	44.31	ug/l	99
65) Chlorobenzene	11.673	112	485877	46.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	173779	47.77	ug/l	98
67) Ethyl Benzene	11.743	91	882800	47.23	ug/l	98
68) m/p-Xylenes	11.855	106	661684	93.66	ug/l	99
69) o-Xylene	12.179	106	305551	47.14	ug/l	98
70) Styrene	12.196	104	529883	47.00	ug/l	99
71) Bromoform	12.361	173	87323	46.72	ug/l #	99
73) Isopropylbenzene	12.479	105	835958	46.27	ug/l	100
74) N-amyl acetate	12.285	43	159092	49.86	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	146254	46.71	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	105643m	44.88	ug/l	
77) Bromobenzene	12.761	156	183456	45.45	ug/l	86
78) n-propylbenzene	12.820	91	1006937	46.56	ug/l	97
79) 2-Chlorotoluene	12.908	91	554569	46.29	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	688748	46.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	45468	48.42	ug/l	95
82) 4-Chlorotoluene	13.002	91	580223	45.81	ug/l	98
83) tert-Butylbenzene	13.220	119	603746	47.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	695822	47.30	ug/l	99
85) sec-Butylbenzene	13.402	105	847369	47.31	ug/l	98
86) p-Isopropyltoluene	13.514	119	766716	47.67	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	363186	46.51	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	359511	46.27	ug/l	100
89) n-Butylbenzene	13.837	91	737696	47.01	ug/l	98
90) Hexachloroethane	14.108	117	141777	48.56	ug/l	89
91) 1,2-Dichlorobenzene	13.884	146	314368	46.43	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21443	46.84	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	209493	47.24	ug/l	100
94) Hexachlorobutadiene	15.261	225	117161	48.03	ug/l	97
95) Naphthalene	15.396	128	389330	47.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	180233	46.59	ug/l	97

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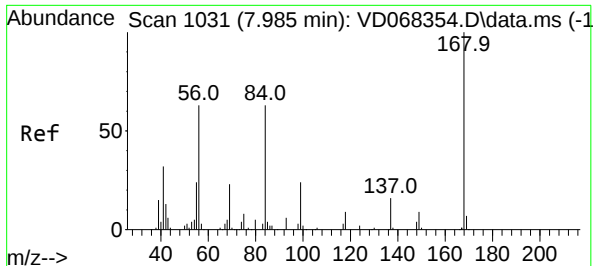
Manual Integrations
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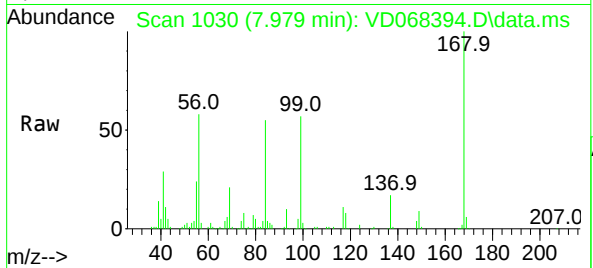
Quant Time: Feb 19 23:28:36 2021
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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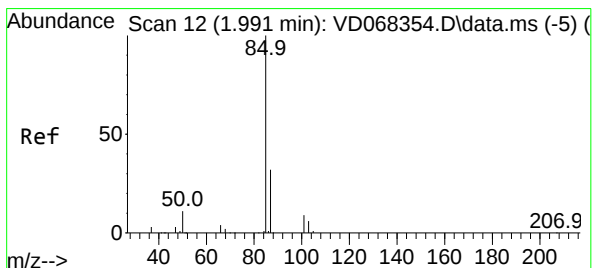
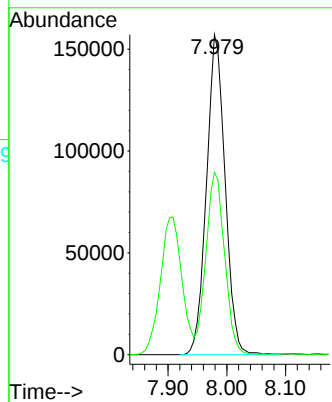
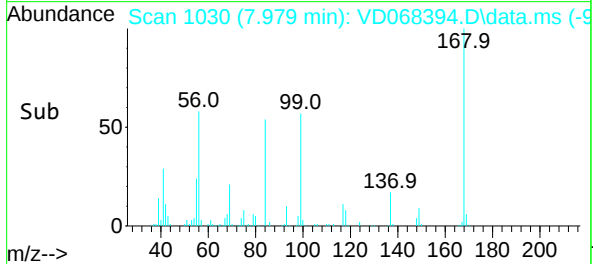
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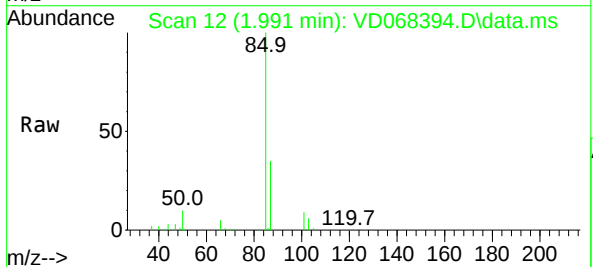
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
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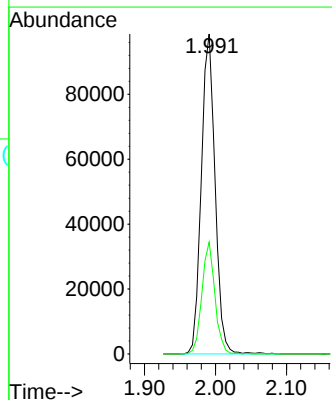
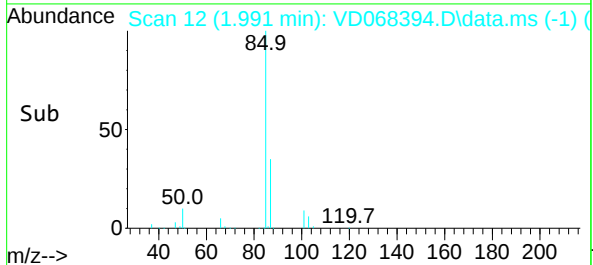
Tgt Ion: 168 Resp: 345645
Ion Ratio Lower Upper
168 100
99 56.8 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 42.13 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



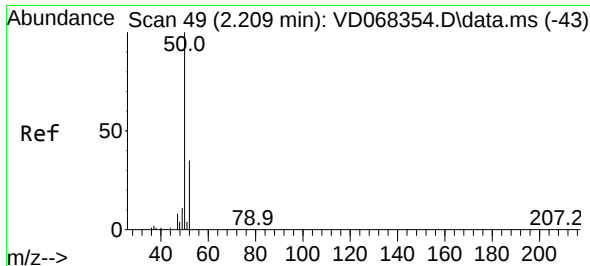
Tgt Ion: 85 Resp: 133431
Ion Ratio Lower Upper
85 100
87 35.0 15.4 46.1



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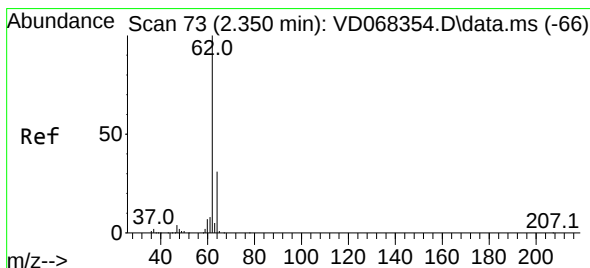
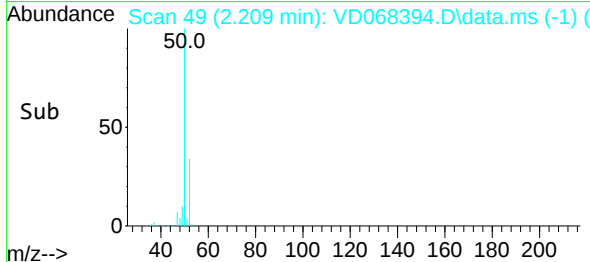
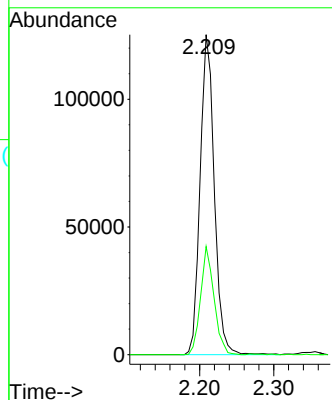
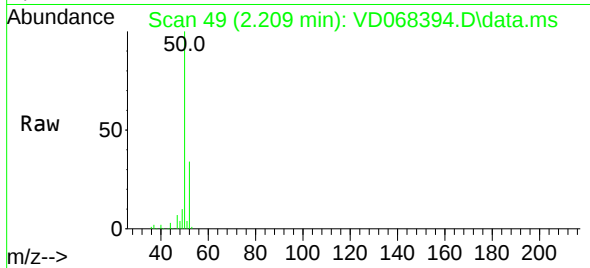
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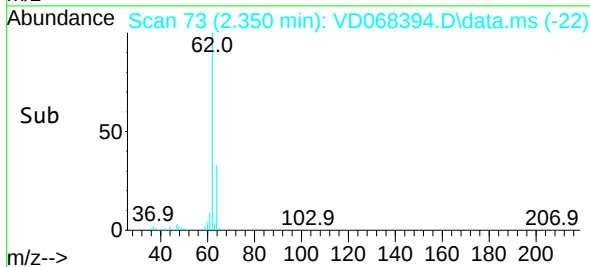
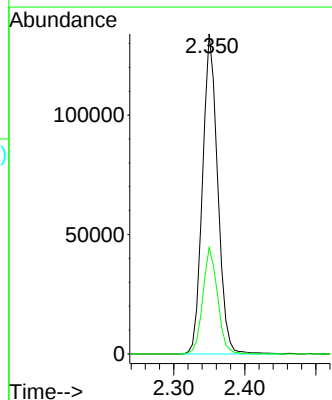
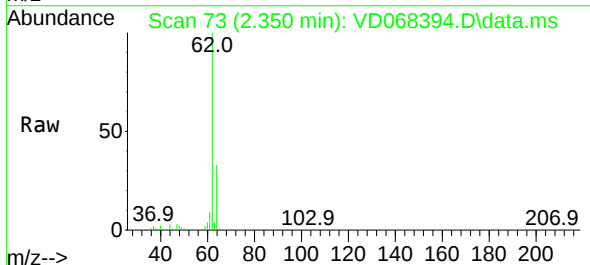
#3
Chloromethane
Concen: 44.26 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 50 Resp: 166900
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 44.14 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

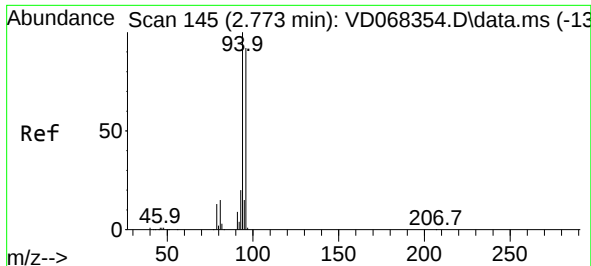
Tgt Ion: 62 Resp: 199233
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.2



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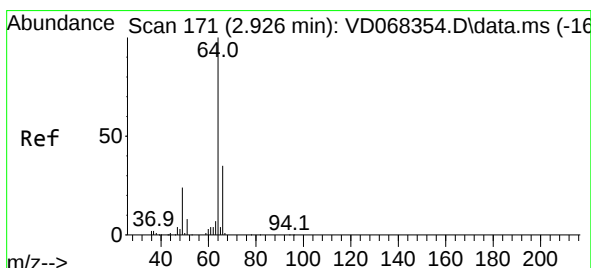
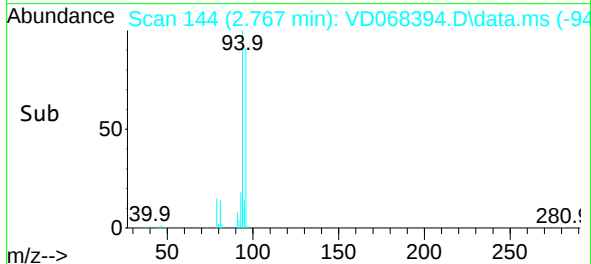
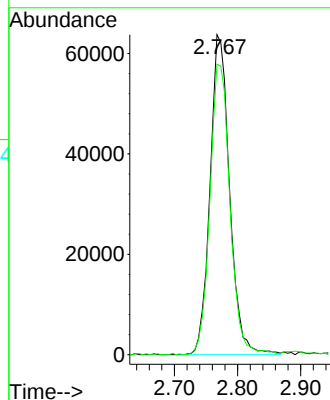
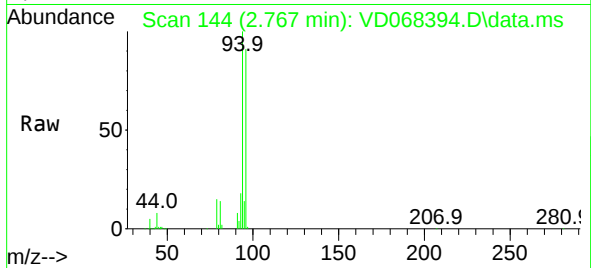
#5
Bromomethane
Concen: 42.56 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068394.D
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Tgt Ion: 94 Resp: 137324
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.8

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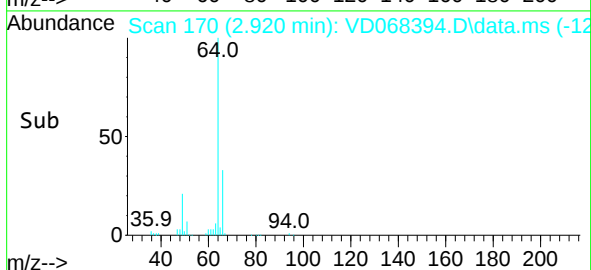
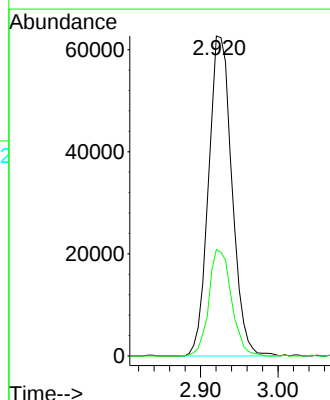
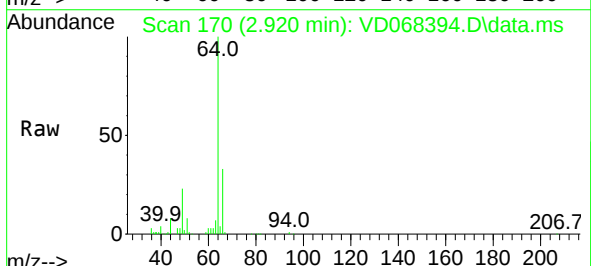
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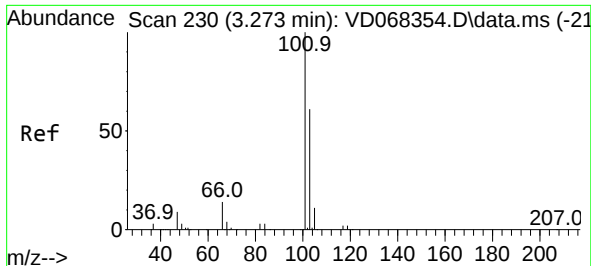
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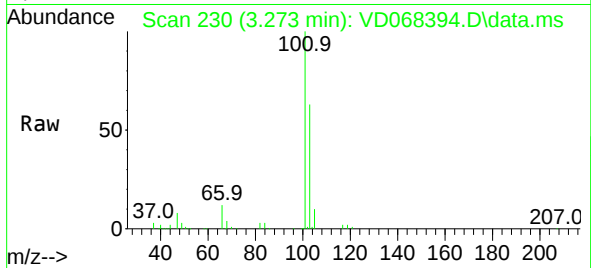
#6
Chloroethane
Concen: 44.58 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068394.D
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Tgt Ion: 64 Resp: 131431
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7

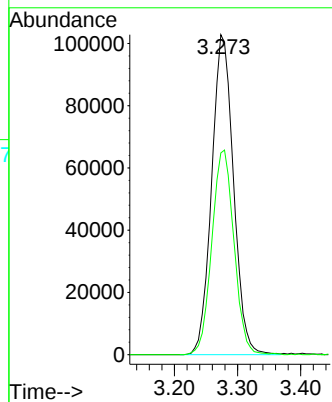
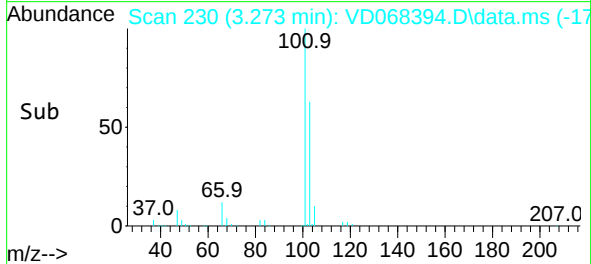




#7
Trichlorofluoromethane
Concen: 44.45 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



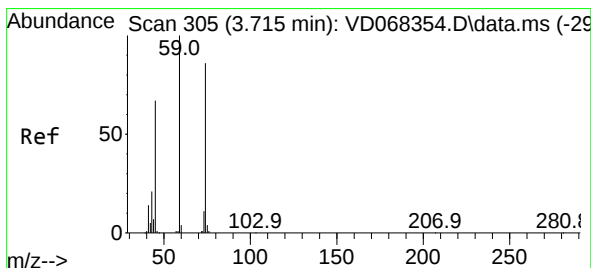
Tgt Ion:101 Resp: 246960
Ion Ratio Lower Upper
101 100
103 63.0 52.0 78.0



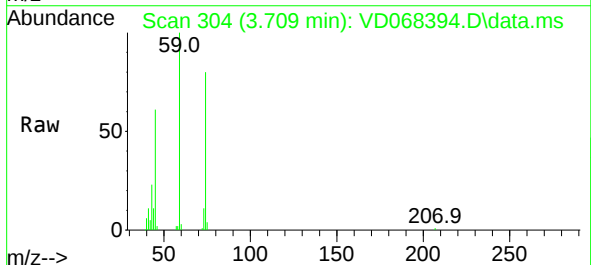
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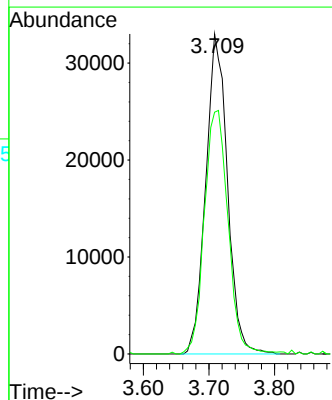
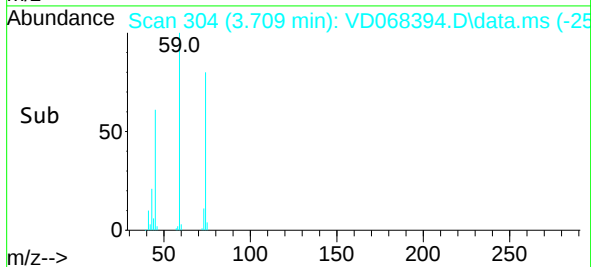
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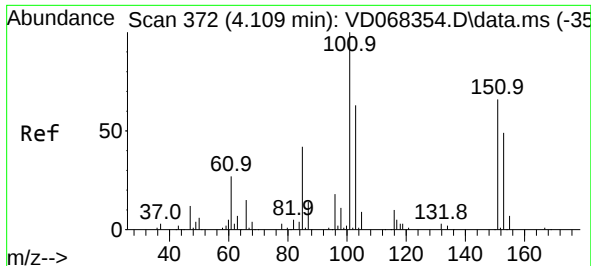


#8
Diethyl Ether
Concen: 46.48 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion: 74 Resp: 75840
Ion Ratio Lower Upper
74 100
45 83.4 42.1 126.4





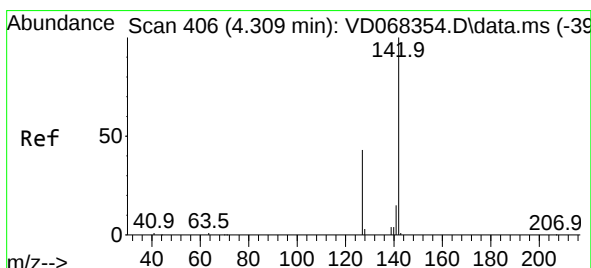
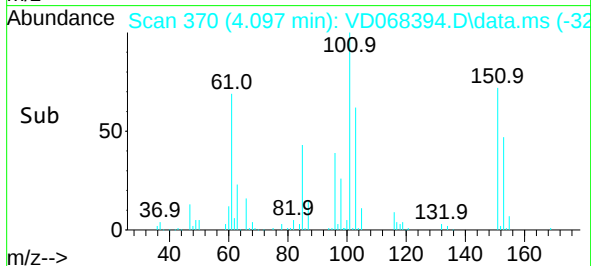
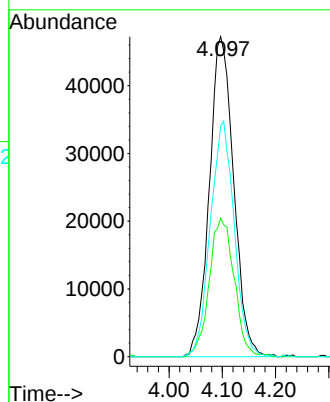
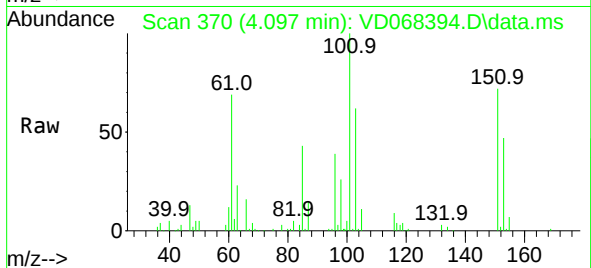
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.31 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:101 Resp: 149814
Ion Ratio Lower Upper
101 100
85 44.4 34.0 51.0
151 72.5 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

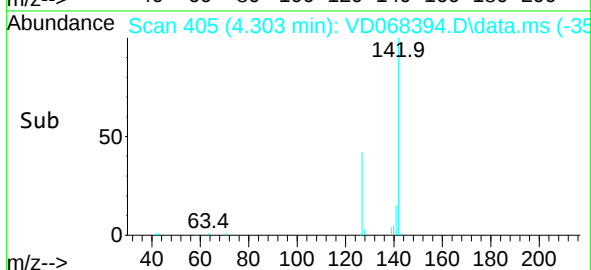
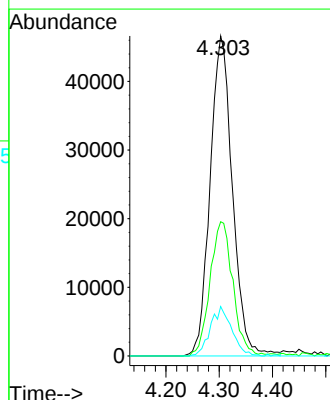
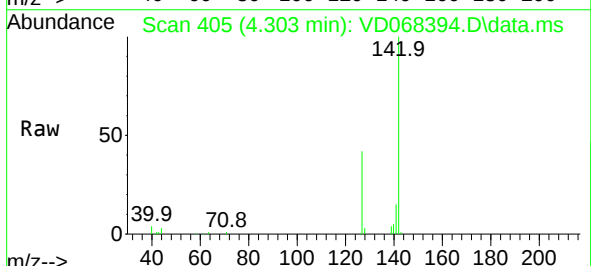
Manual Integrations
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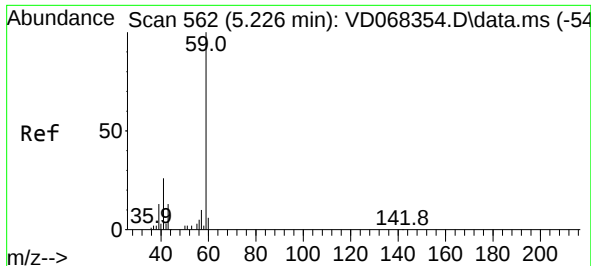
MMDadoda
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#10
Methyl Iodide
Concen: 42.74 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:142 Resp: 135726
Ion Ratio Lower Upper
142 100
127 42.8 37.9 56.9
141 14.8 11.5 17.3





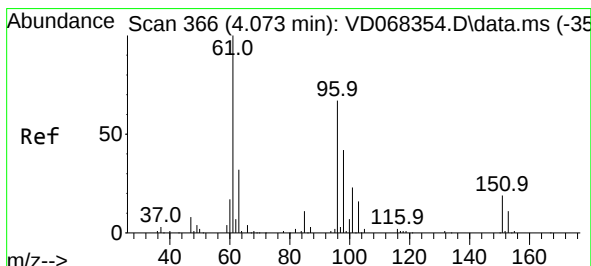
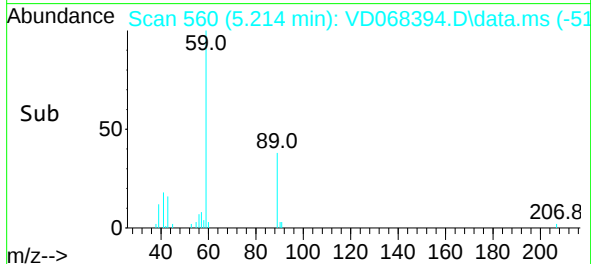
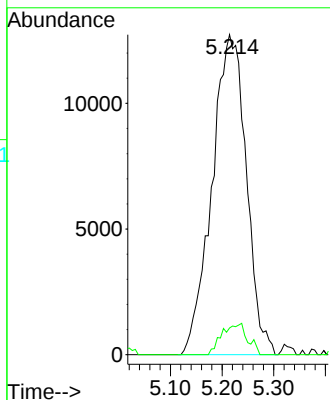
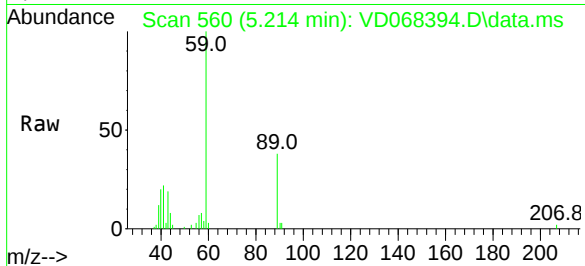
#11
Tert butyl alcohol
Concen: 331.47 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 59 Resp: 58722
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

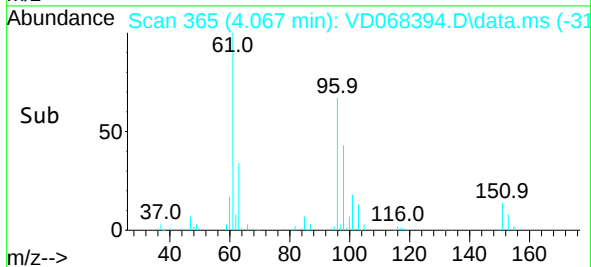
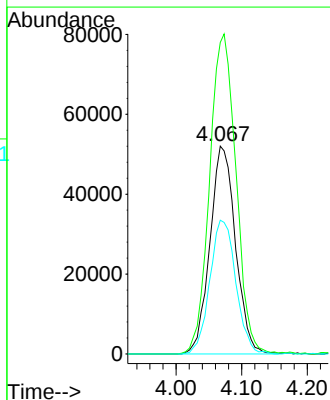
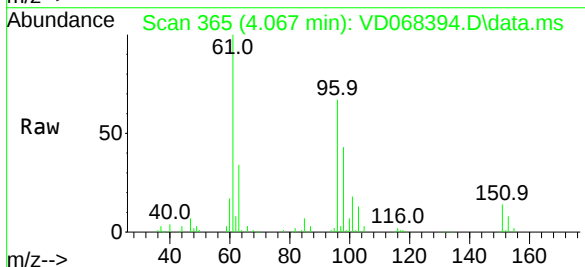
Manual Integrations
APPROVED

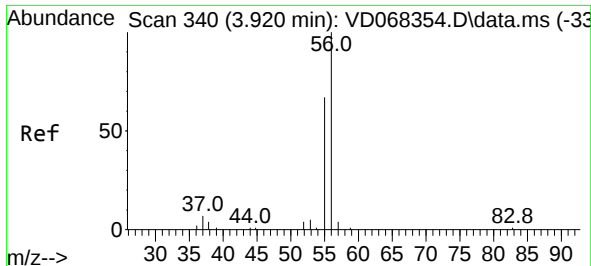
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#12
1,1-Dichloroethene
Concen: 42.85 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 96 Resp: 140871
Ion Ratio Lower Upper
96 100
61 149.9 116.2 174.4
98 64.4 48.6 73.0





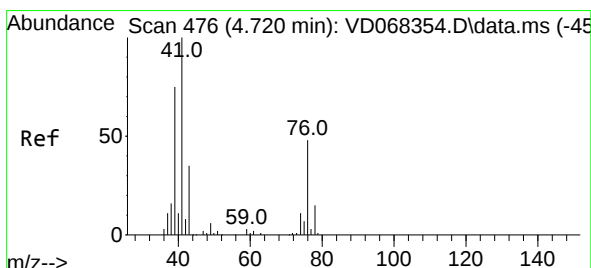
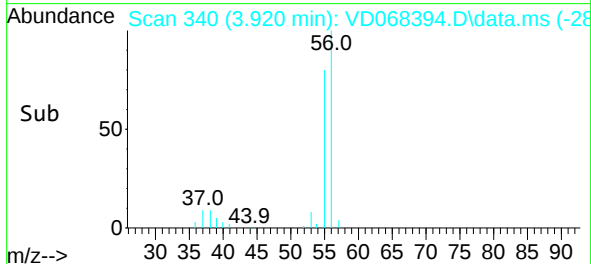
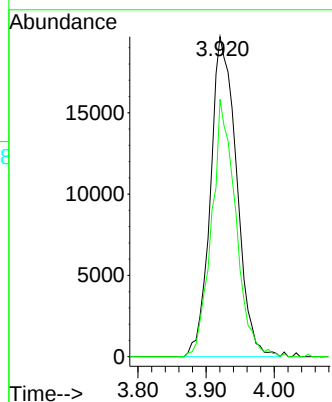
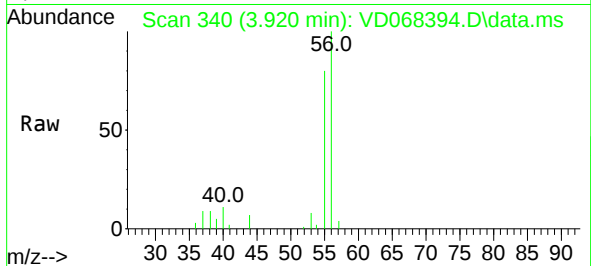
#13
Acrolein
Concen: 259.19 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 56 Resp: 52505
Ion Ratio Lower Upper
56 100
55 74.3 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

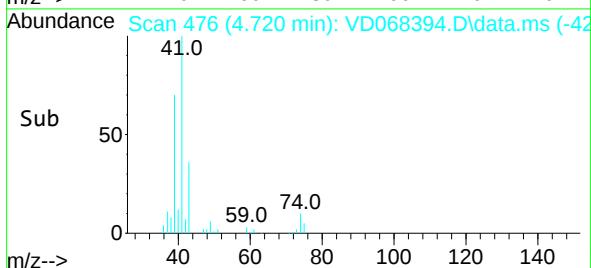
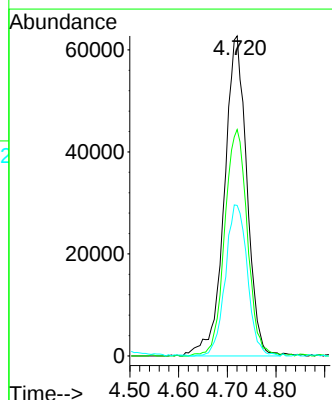
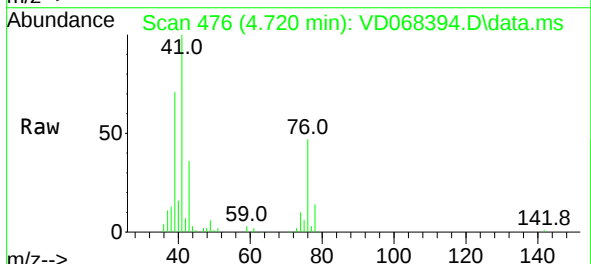
Manual Integrations
APPROVED

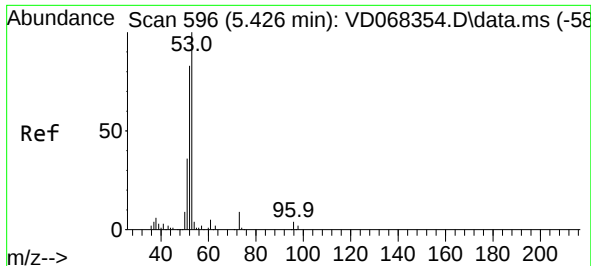
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2/22/2021 4:58:01 PM



#14
Allyl chloride
Concen: 47.23 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

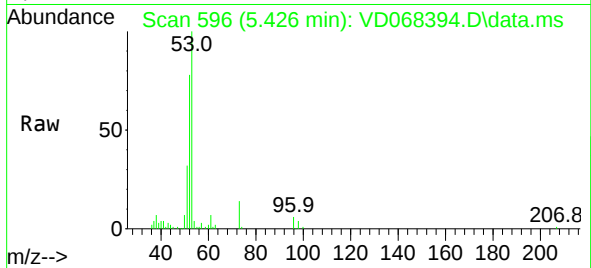
Tgt Ion: 41 Resp: 201848
Ion Ratio Lower Upper
41 100
39 71.2 56.3 84.5
76 46.1 38.9 58.3





#15
Acrylonitrile
Concen: 241.00 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

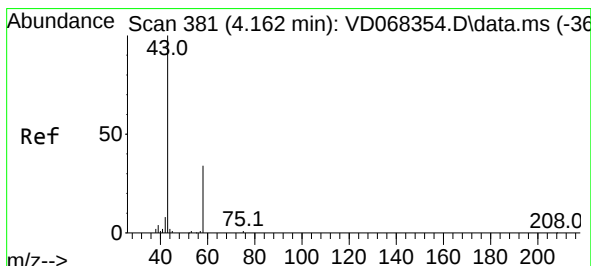
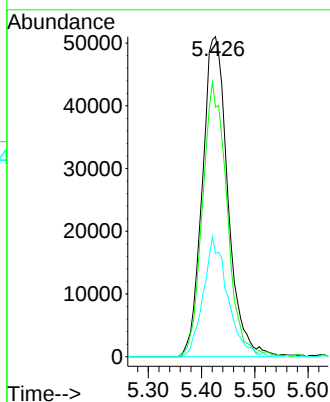
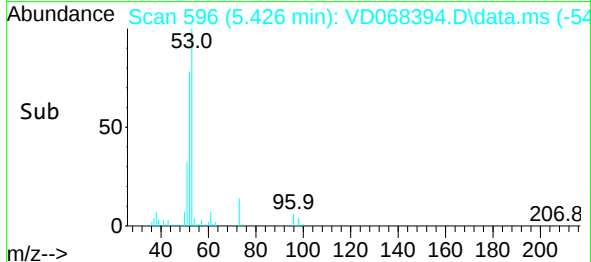
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



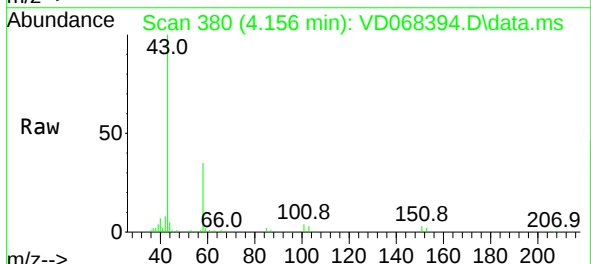
Tgt Ion: 53 Resp: 169735
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.2
51 35.8 29.0 43.4

Manual Integrations
APPROVED

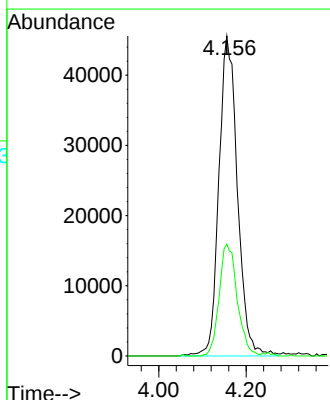
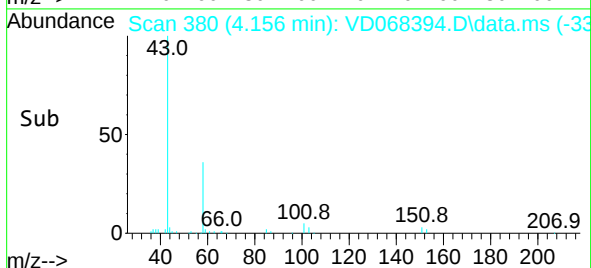
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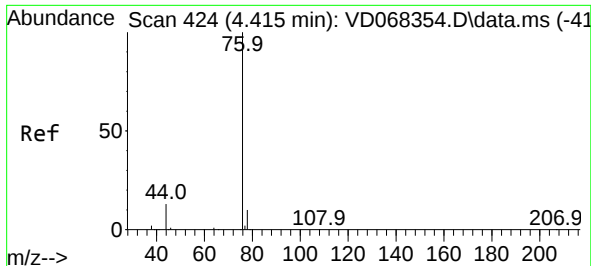


#16
Acetone
Concen: 245.60 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



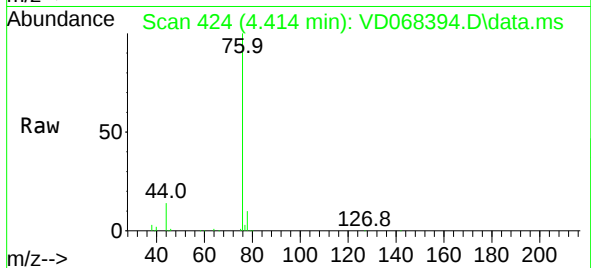
Tgt Ion: 43 Resp: 133893
Ion Ratio Lower Upper
43 100
58 35.0 24.2 36.4



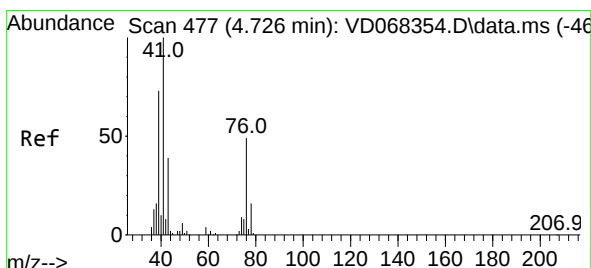
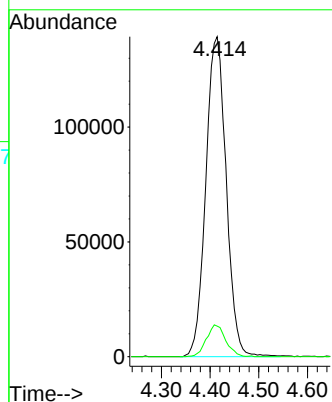
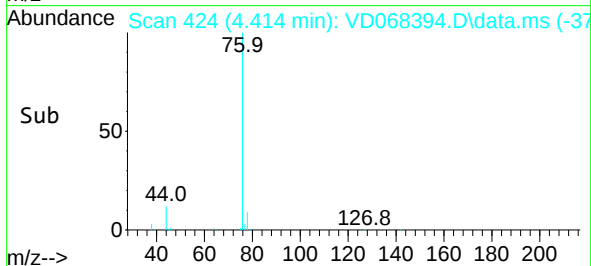


#17
Carbon Disulfide
Concen: 42.56 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

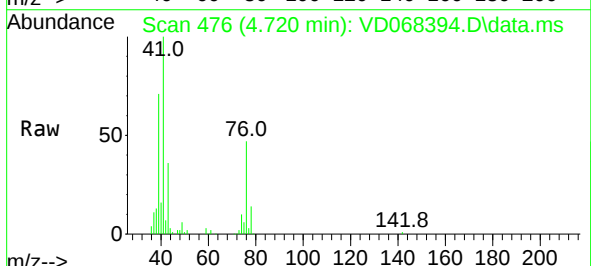
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



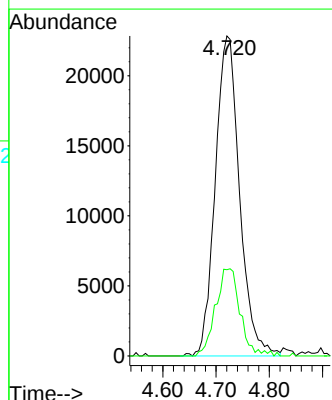
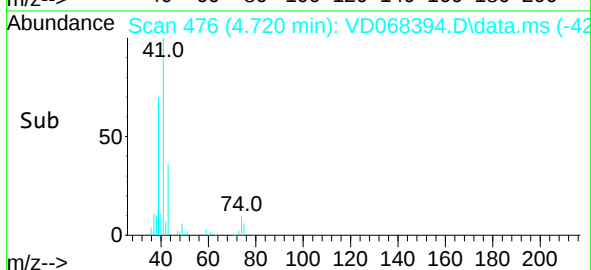
Tgt Ion: 76 Resp: 405215
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

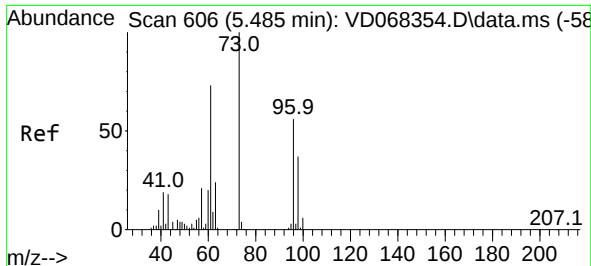


#18
Methyl Acetate
Concen: 48.43 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



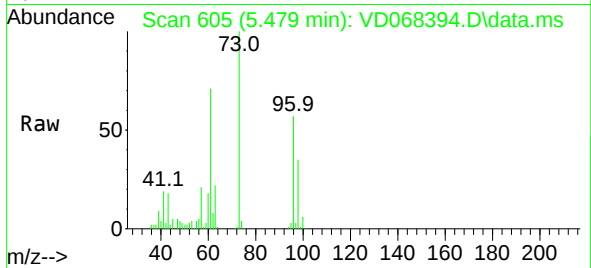
Tgt Ion: 43 Resp: 72465
Ion Ratio Lower Upper
43 100
74 27.5 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 46.57 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

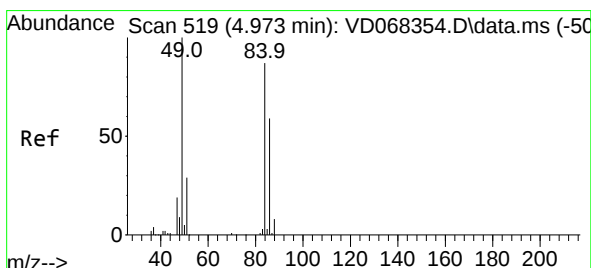
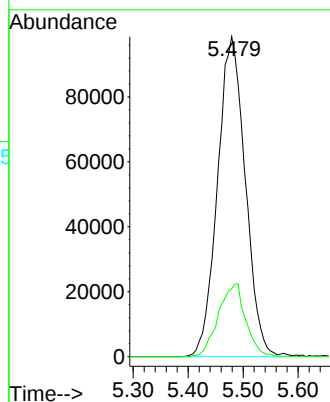
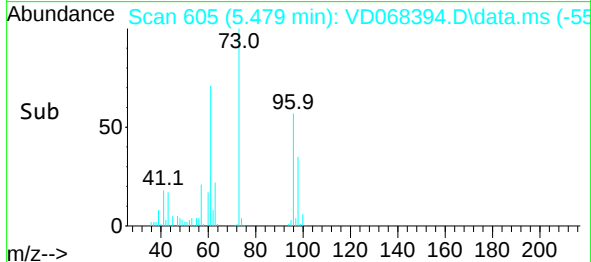
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



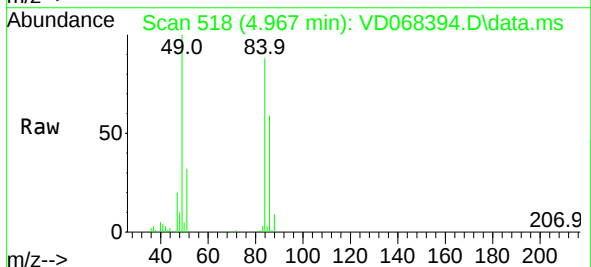
Tgt Ion: 73 Resp: 345435
Ion Ratio Lower Upper
73 100
57 21.2 14.4 21.6

Manual Integrations
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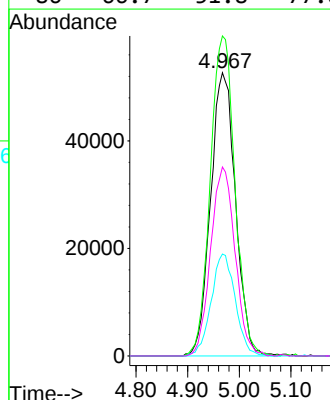
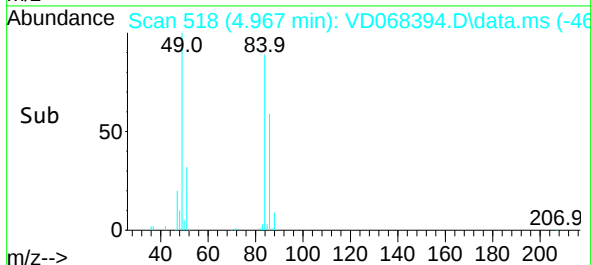
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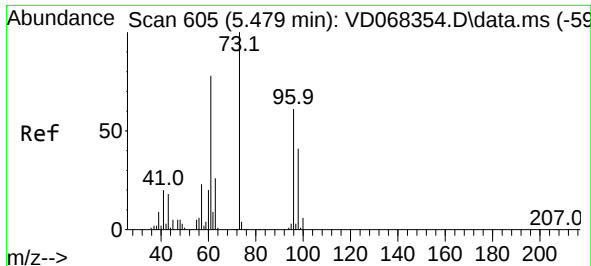


#20
Methylene Chloride
Concen: 46.38 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



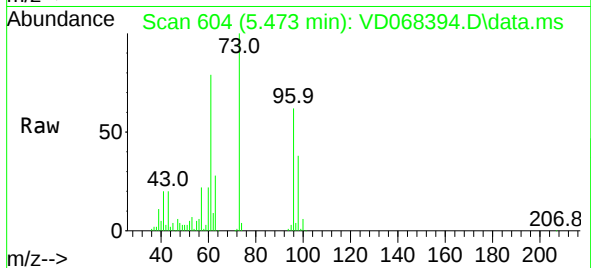
Tgt Ion: 84 Resp: 176536
Ion Ratio Lower Upper
84 100
49 113.0 77.4 116.2
51 36.0 26.1 39.1
86 66.7 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 45.06 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

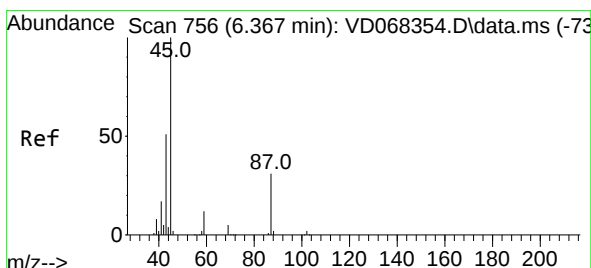
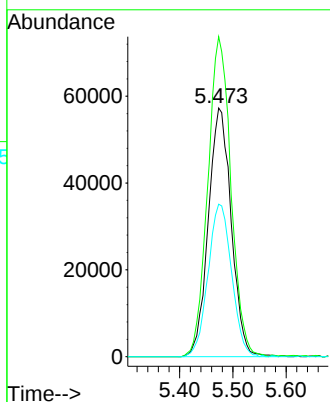
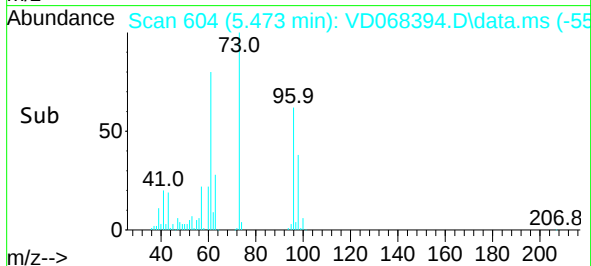
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



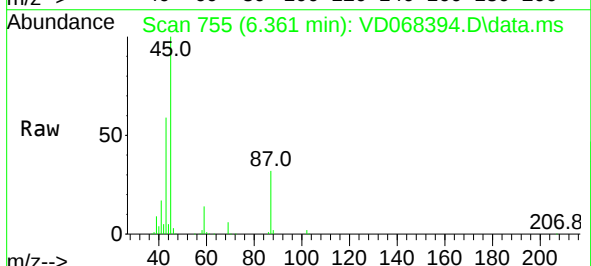
Tgt Ion: 96 Resp: 171436
Ion Ratio Lower Upper
96 100
61 128.7 96.7 145.1
98 61.4 47.6 71.4

Manual Integrations
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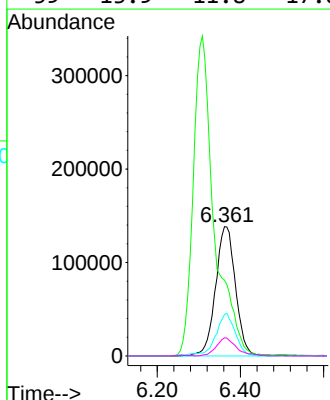
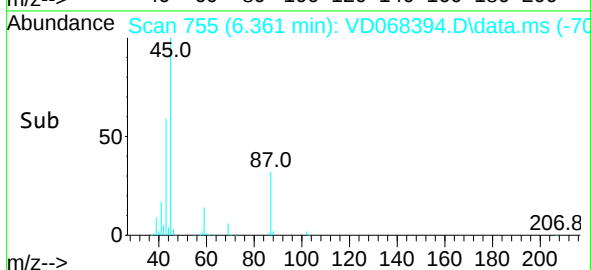
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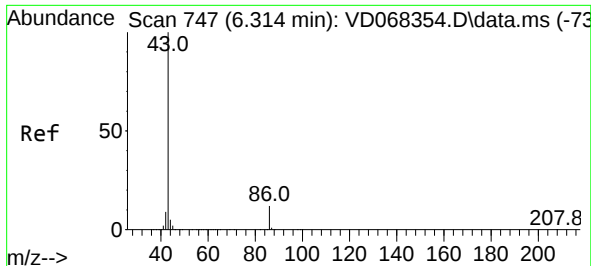


#22
Diisopropyl ether
Concen: 48.82 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



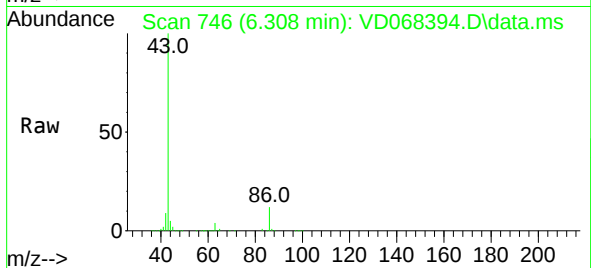
Tgt Ion: 45 Resp: 461792
Ion Ratio Lower Upper
45 100
43 57.6 43.9 65.9
87 31.9 29.9 44.9
59 13.9 11.8 17.8





#23
 Vinyl Acetate
 Concen: 245.83 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54

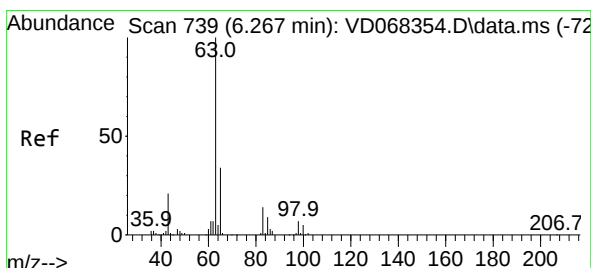
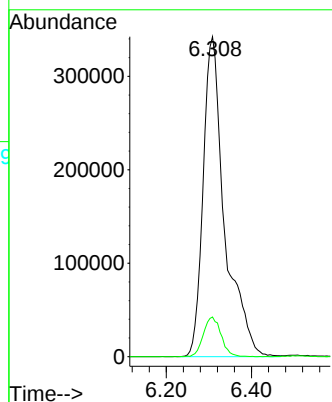
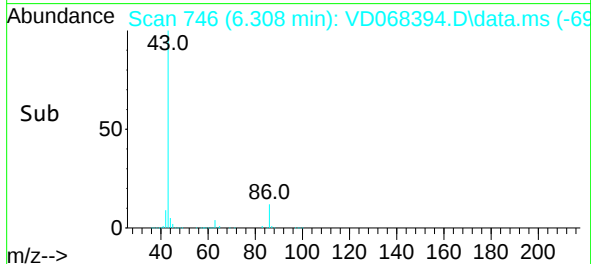
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



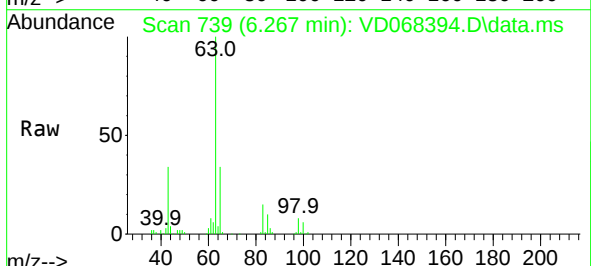
Tgt Ion: 43 Resp: 1200561
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.8 16.2

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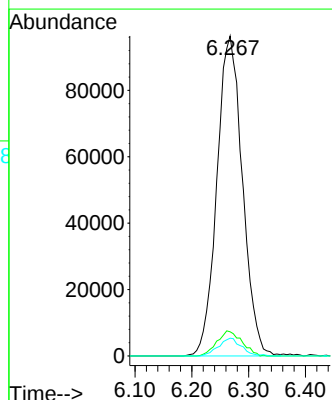
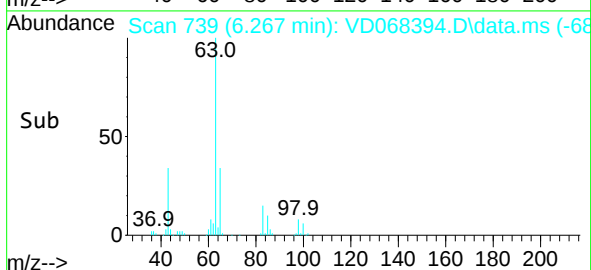
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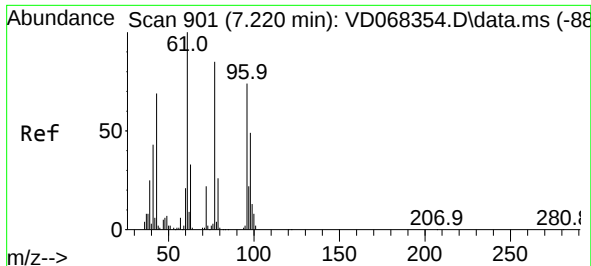


#24
 1,1-Dichloroethane
 Concen: 46.59 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54



Tgt Ion: 63 Resp: 301534
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 5.5 2.6 8.0





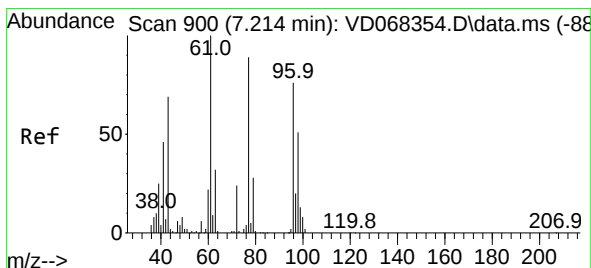
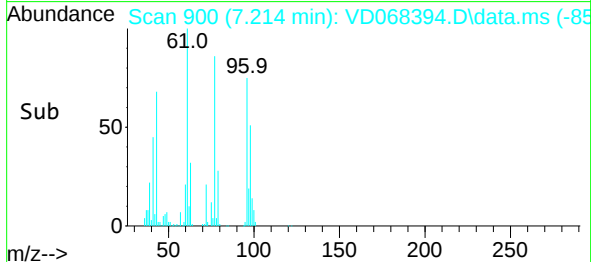
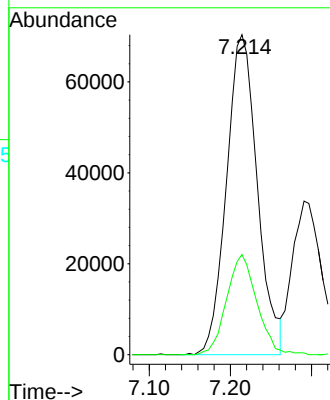
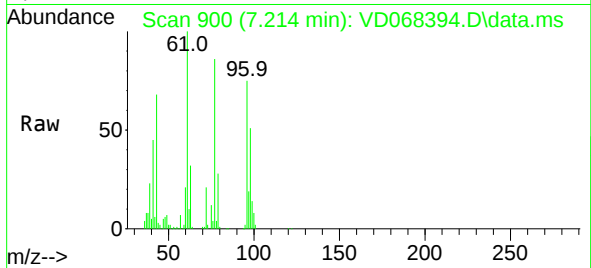
#25
2-Butanone
Concen: 244.05 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 43 Resp: 186025
Ion Ratio Lower Upper
43 100
72 31.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

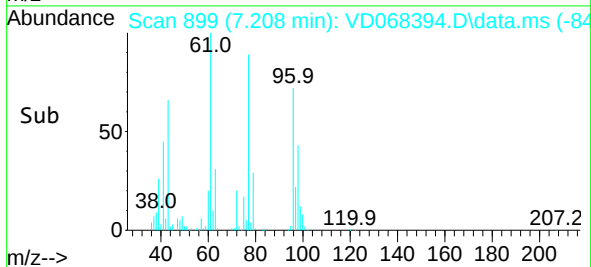
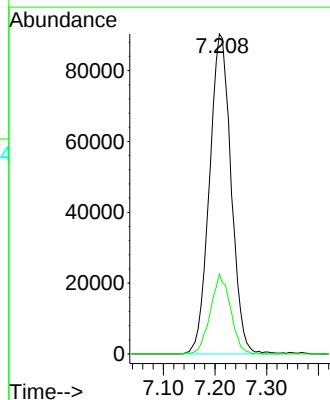
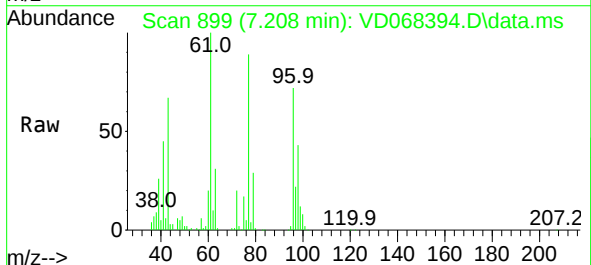
Manual Integrations
APPROVED

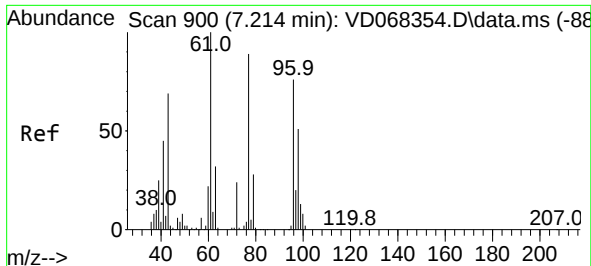
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#26
2,2-Dichloropropane
Concen: 47.47 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 77 Resp: 262785
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 46.46 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.000 min

Lab File: VD068394.D

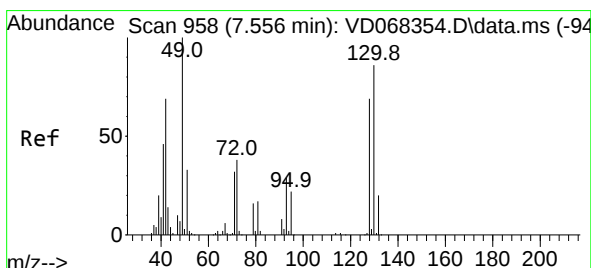
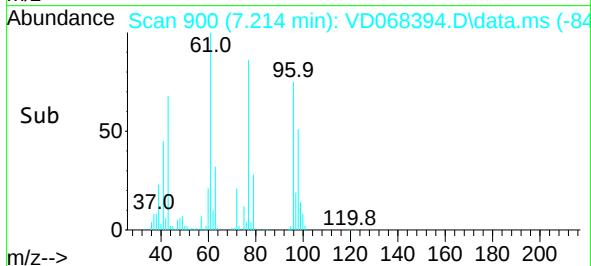
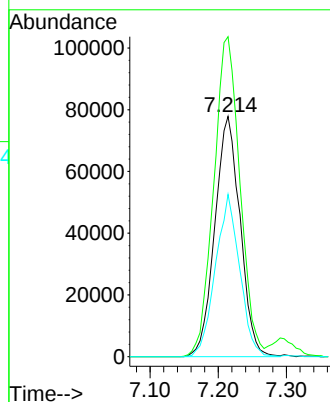
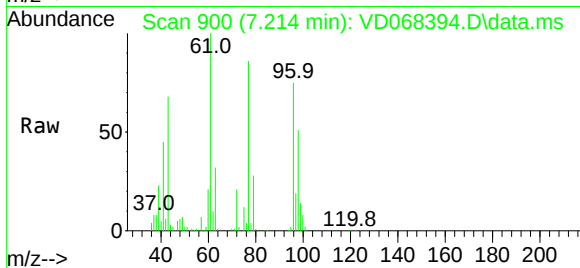
Acq: 19 Feb 2021 11:54

Tgt Ion:	96	Resp:	200940
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	257.4
98	64.7	0.0	126.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#28

Bromochloromethane

Concen: 54.95 ug/l

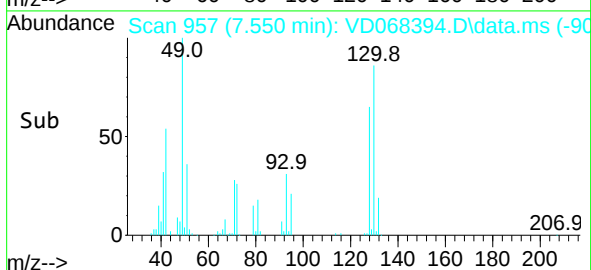
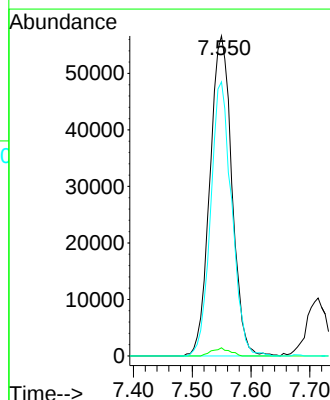
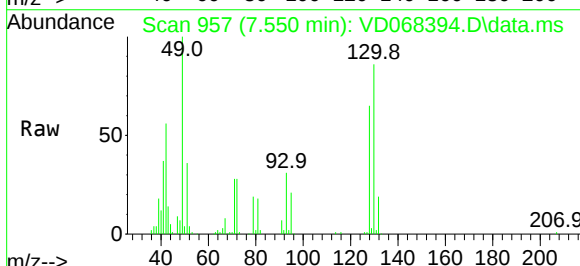
RT: 7.550 min Scan# 957

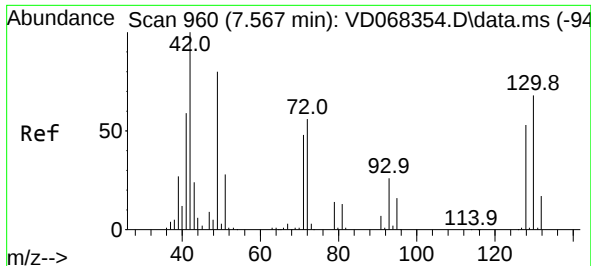
Delta R.T. -0.006 min

Lab File: VD068394.D

Acq: 19 Feb 2021 11:54

Tgt Ion:	49	Resp:	147480
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	82.0	85.5	128.3#





#29

Tetrahydrofuran

Concen: 240.00 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068394.D

Acq: 19 Feb 2021 11:54

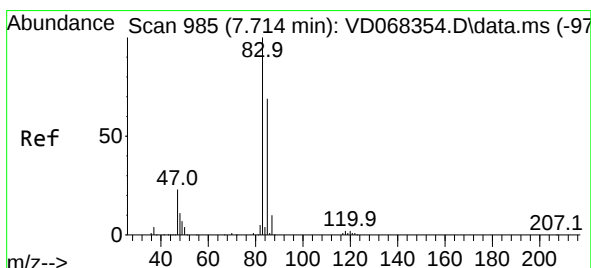
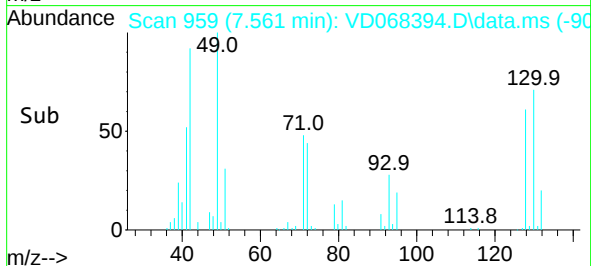
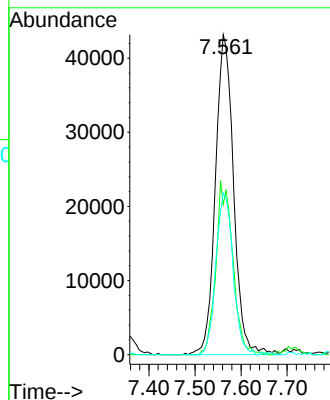
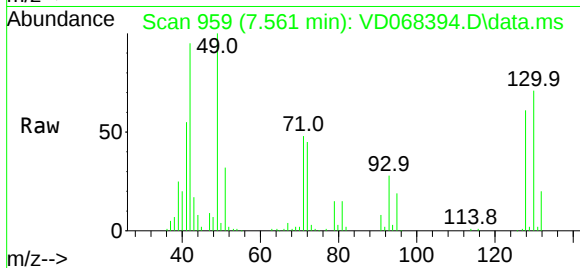
Tgt Ion: 42 Resp: 118332

Ion Ratio Lower Upper

42 100

72 50.5 43.4 65.0

71 47.6 40.8 61.2



#30

Chloroform

Concen: 47.07 ug/l

RT: 7.714 min Scan# 985

Delta R.T. -0.000 min

Lab File: VD068394.D

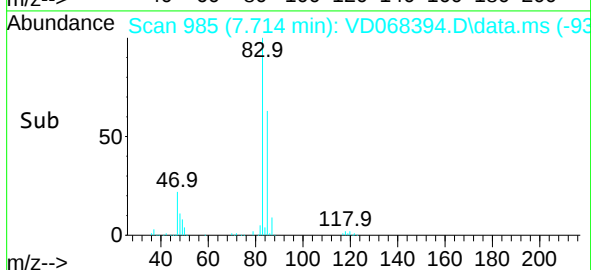
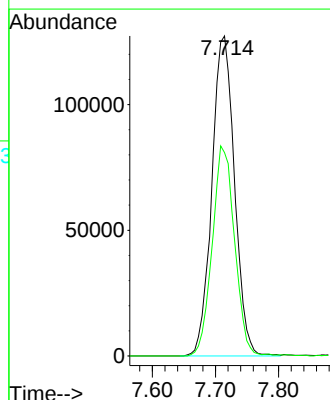
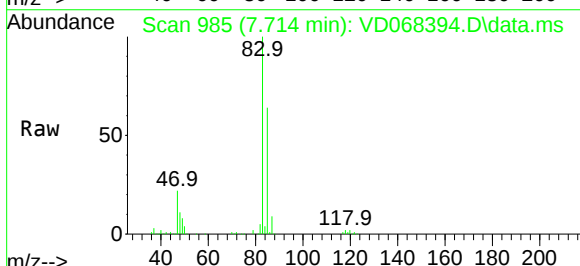
Acq: 19 Feb 2021 11:54

Tgt Ion: 83 Resp: 316876

Ion Ratio Lower Upper

83 100

85 63.5 53.4 80.0



Instrument :

MSVOA_D

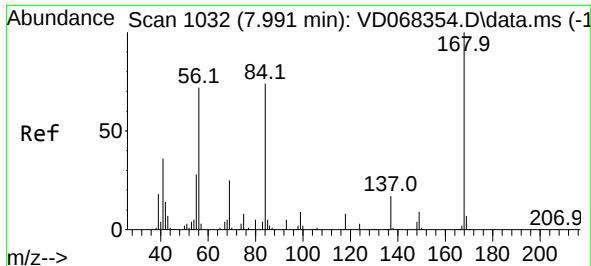
ClientSampleId :

VSTDCCC050

Manual Integrations

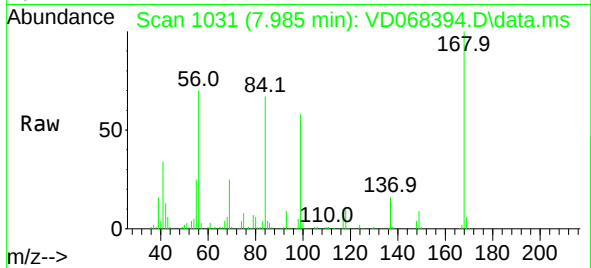
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#31
Cyclohexane
Concen: 47.36 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

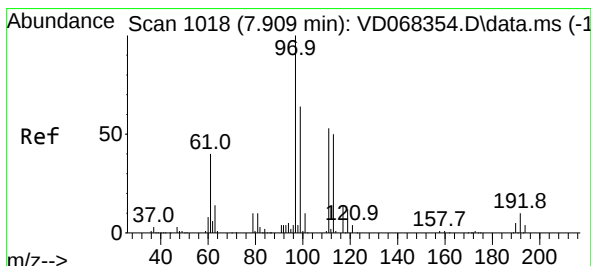
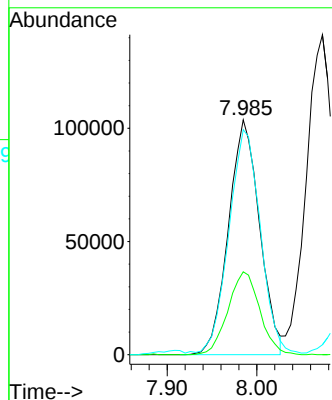
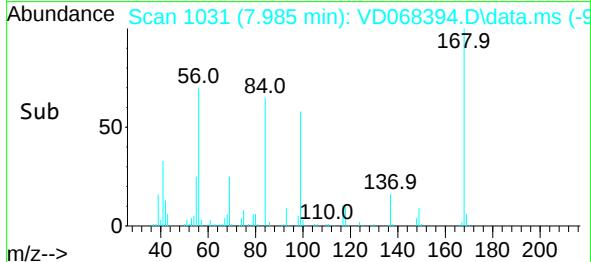
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



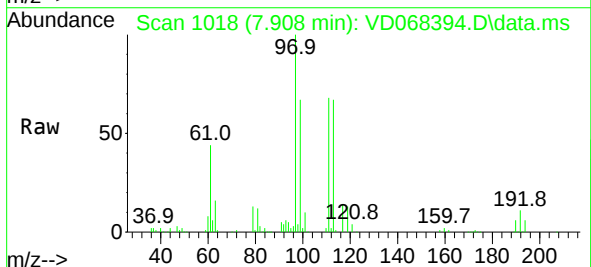
Tgt Ion: 56 Resp: 249528
Ion Ratio Lower Upper
56 100
69 35.3 30.1 45.1
84 93.7 82.1 123.1

Manual Integrations
APPROVED

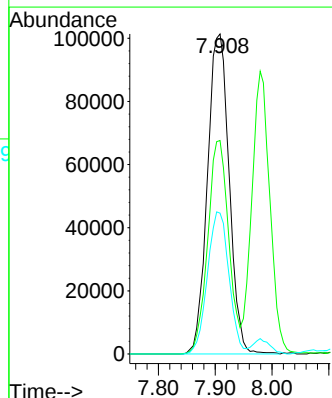
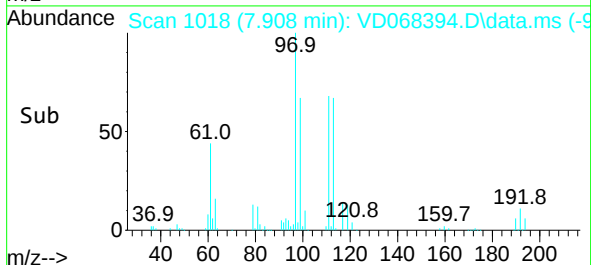
MMDadoda
2/22/2021 4:58:01 PM

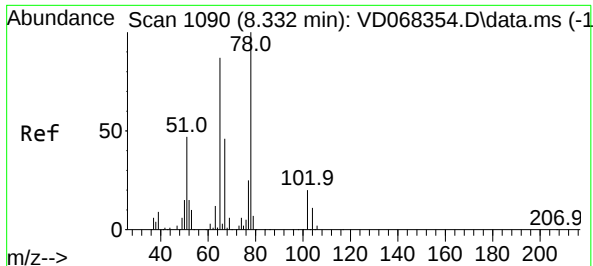


#32
1,1,1-Trichloroethane
Concen: 46.18 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



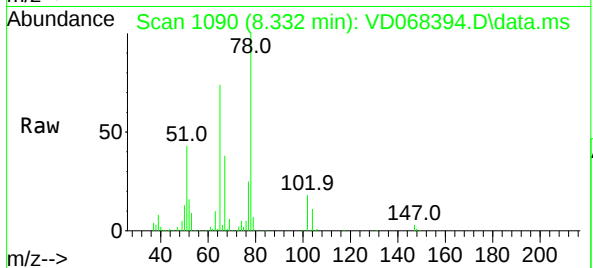
Tgt Ion: 97 Resp: 268619
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 44.2 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 51.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

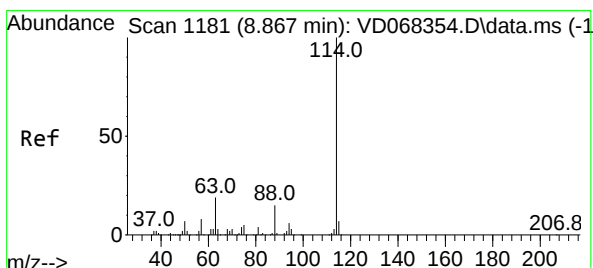
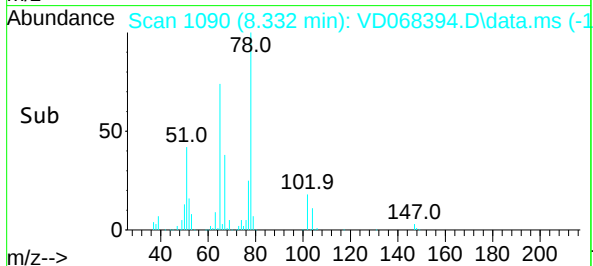
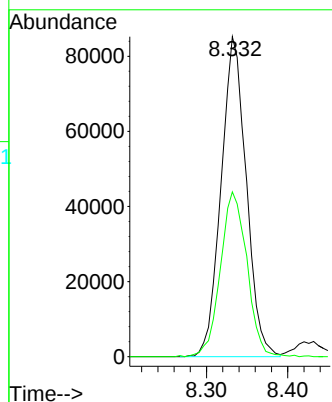
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



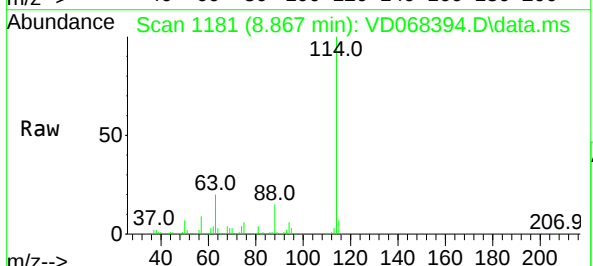
Tgt Ion: 65 Resp: 183671
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0

Manual Integrations
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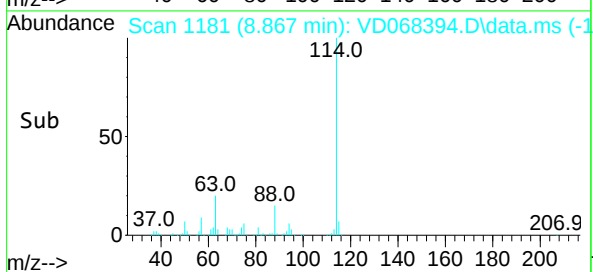
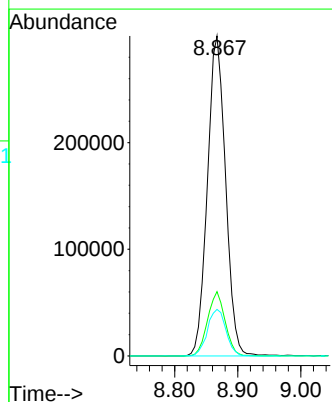
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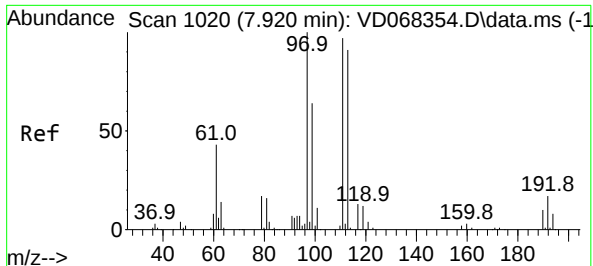


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion: 114 Resp: 599476
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 14.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.34 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068394.D

Acq: 19 Feb 2021 11:54

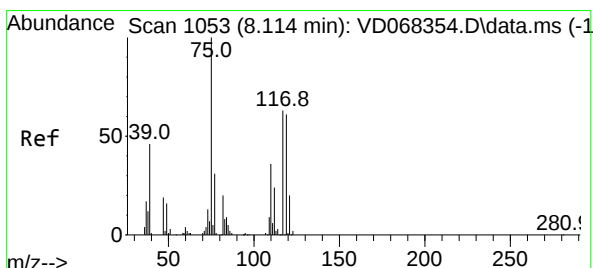
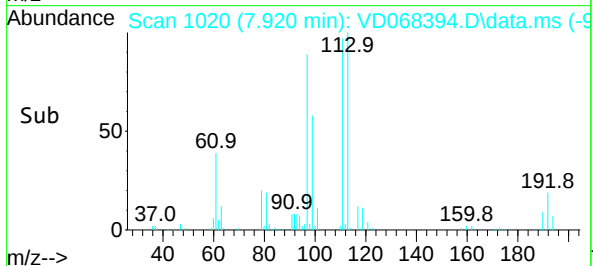
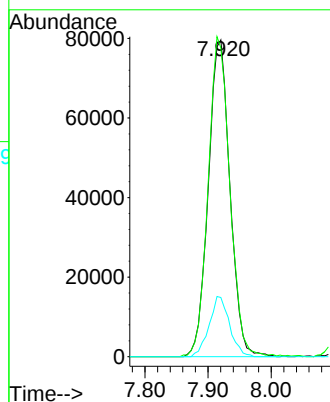
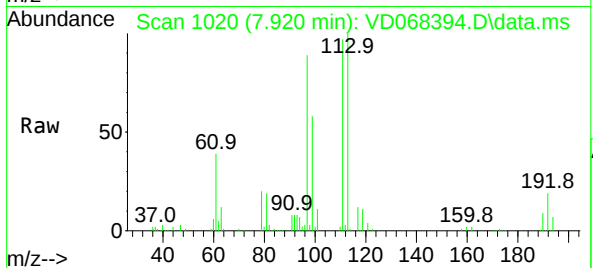
Tgt Ion: 113 Resp: 189787

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 17.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 45.35 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD068394.D

Acq: 19 Feb 2021 11:54

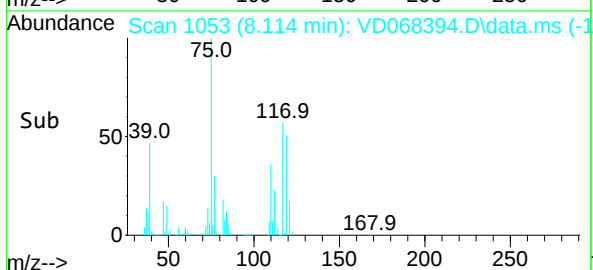
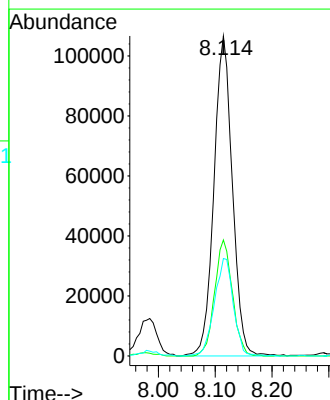
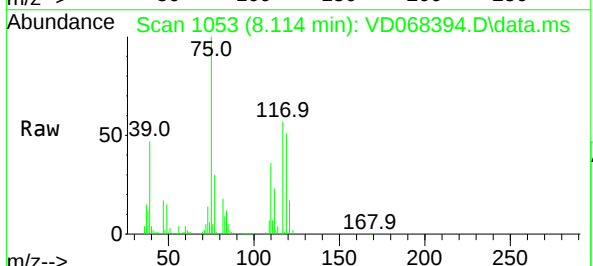
Tgt Ion: 75 Resp: 240519

Ion Ratio Lower Upper

75 100

110 35.0 19.4 58.2

77 31.3 25.3 37.9



Instrument :

MSVOA_D

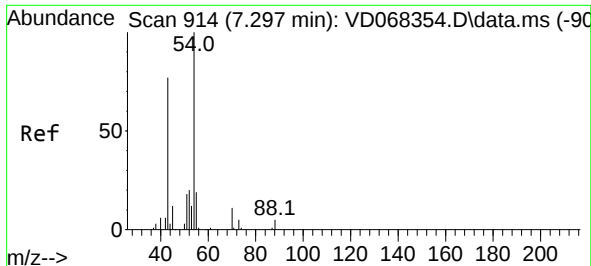
ClientSampleId :

VSTDCCC050

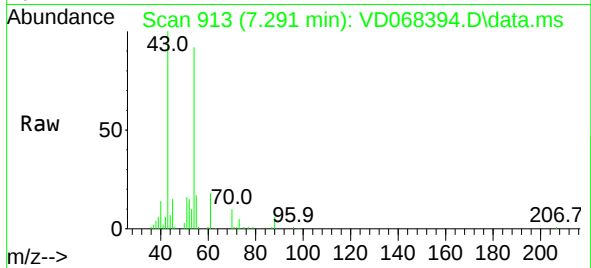
Manual Integrations

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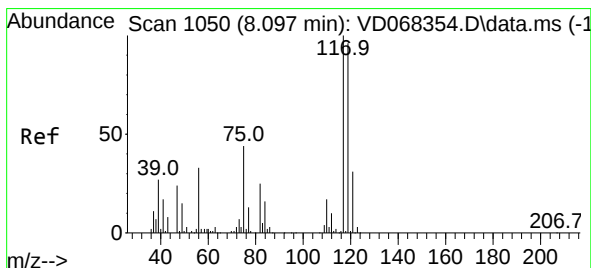
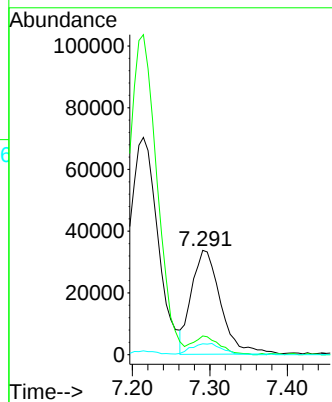
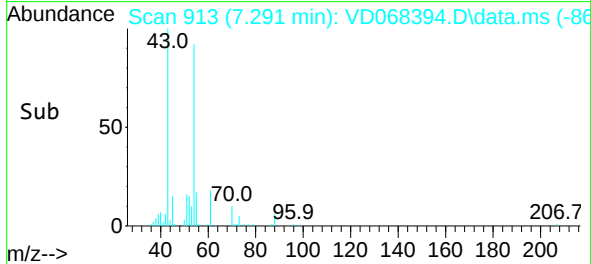
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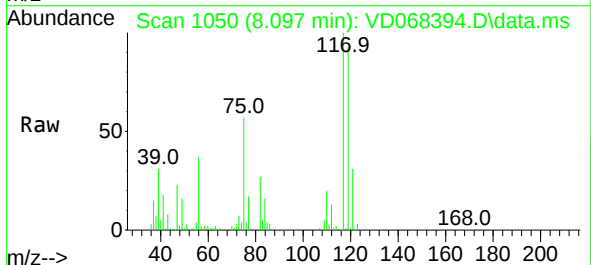
#37
Ethyl Acetate
Concen: 49.02 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



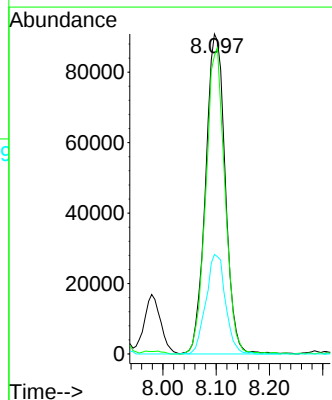
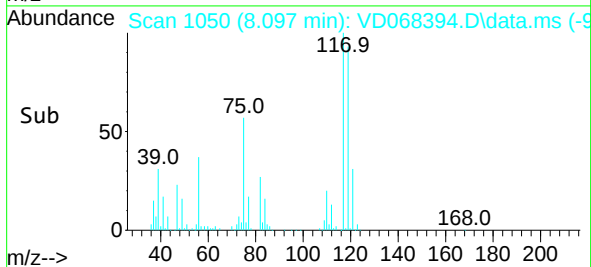
Tgt Ion: 43 Resp: 87846
Ion Ratio Lower Upper
43 100
61 16.5 12.9 19.3
70 11.3 11.0 16.6



#38
Carbon Tetrachloride
Concen: 46.10 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



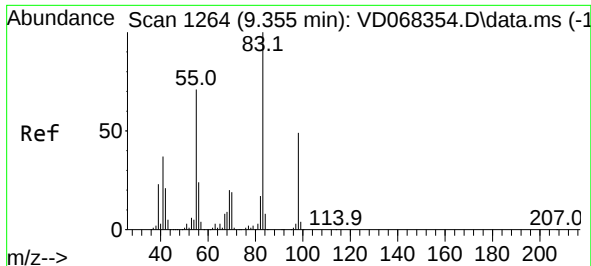
Tgt Ion: 117 Resp: 233219
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 31.1 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#39

Methylcyclohexane

Concen: 44.63 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068394.D

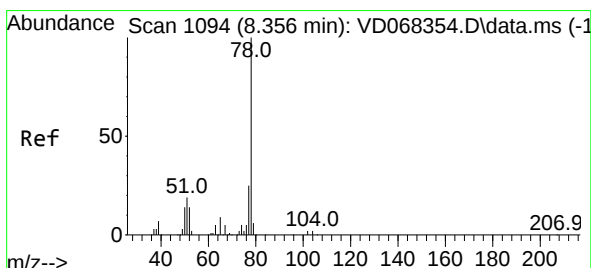
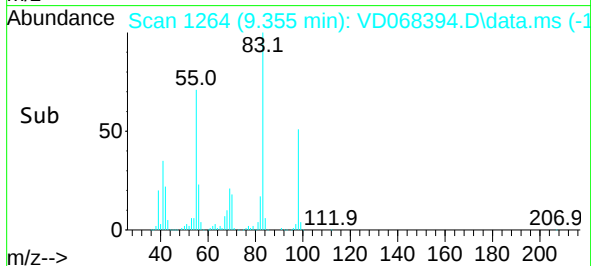
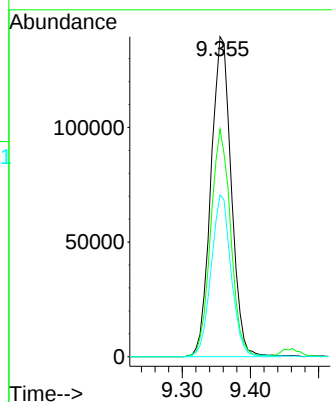
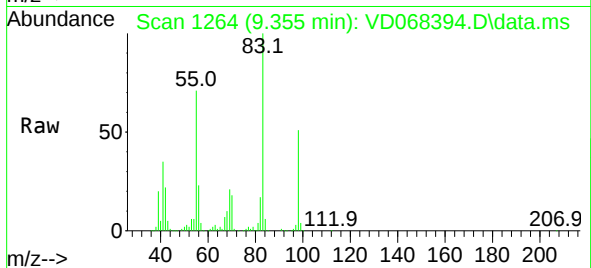
Acq: 19 Feb 2021 11:54

Tgt Ion:	83	Resp:	290340
Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.2	82.8
98	50.5	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#40

Benzene

Concen: 46.14 ug/l

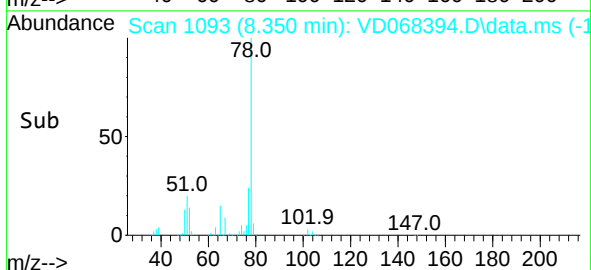
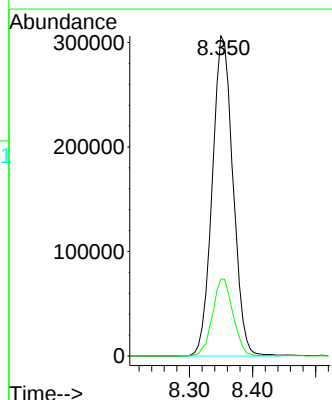
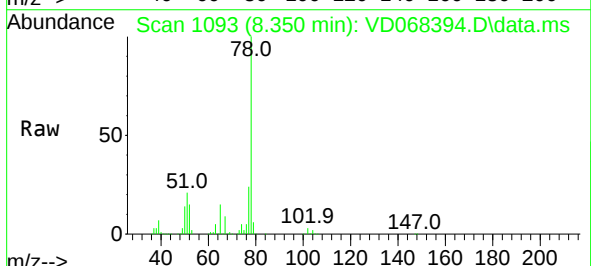
RT: 8.350 min Scan# 1093

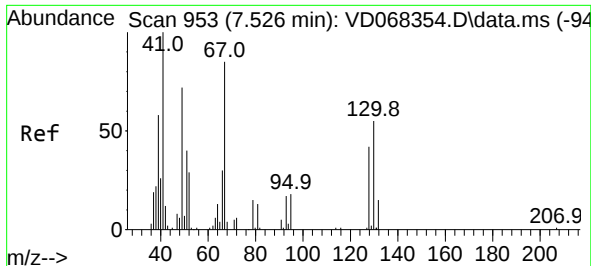
Delta R.T. -0.006 min

Lab File: VD068394.D

Acq: 19 Feb 2021 11:54

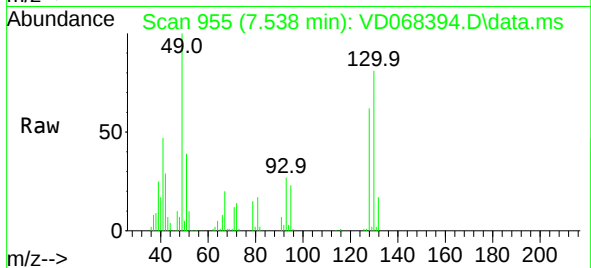
Tgt Ion:	78	Resp:	697886
Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.6





#41
Methacrylonitrile
Concen: 55.78 ug/l m
RT: 7.538 min Scan# 955
Delta R.T. 0.012 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

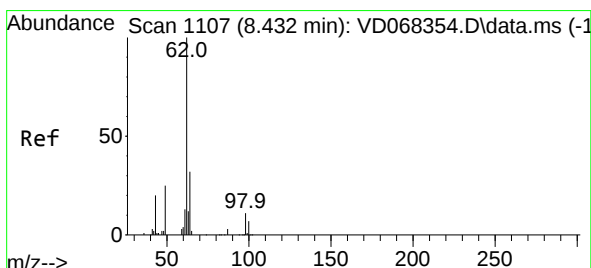
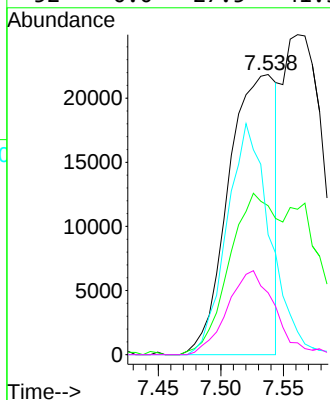
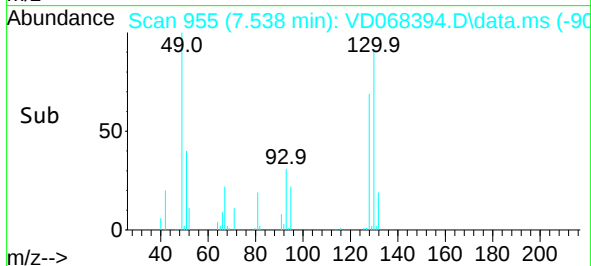
Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050



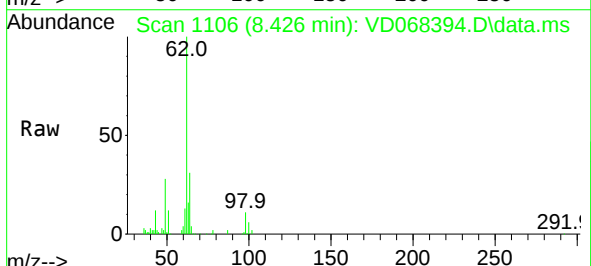
Tgt Ion: 41 Resp: 57537
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
APPROVED

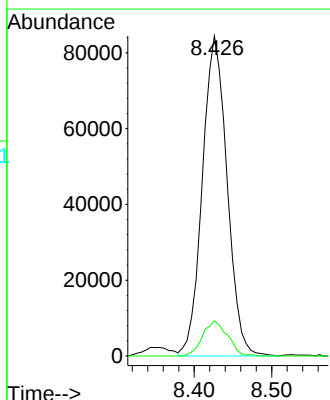
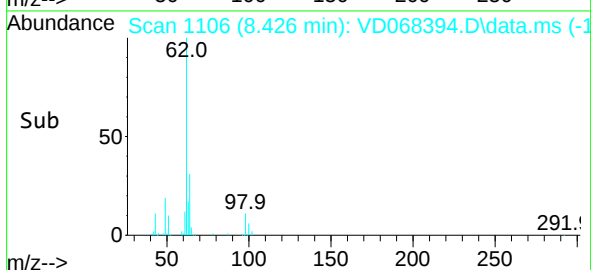
MMDadoda
2/22/2021 4:58:01 PM

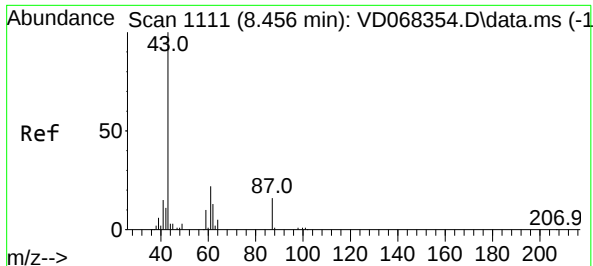


#42
1,2-Dichloroethane
Concen: 46.50 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion: 62 Resp: 187615
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.8

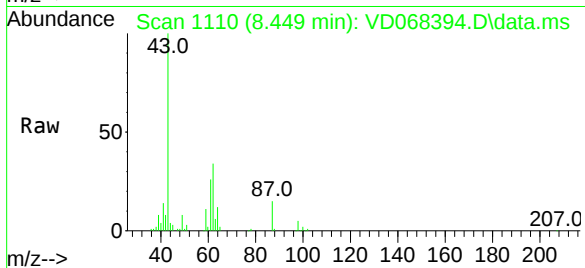




#43

Isopropyl Acetate
Concen: 47.95 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

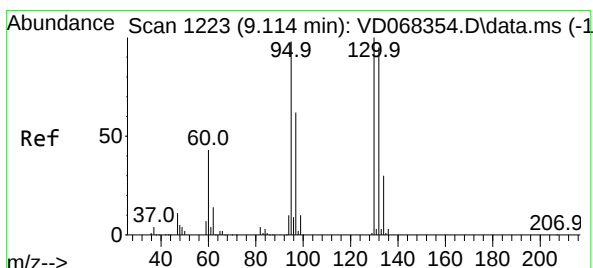
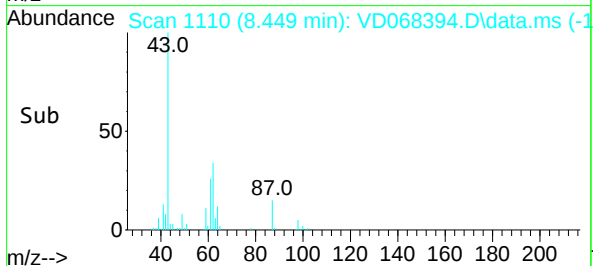
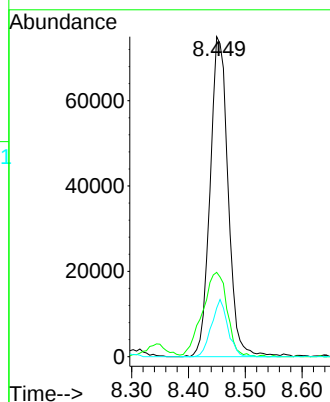
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43	Resp: 164571
Ion Ratio	Lower Upper
43	100
61	36.2 28.7 43.1
87	16.3 13.9 20.9

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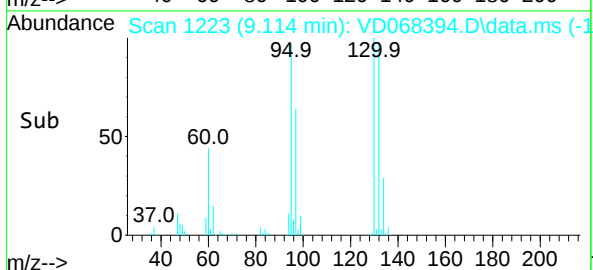
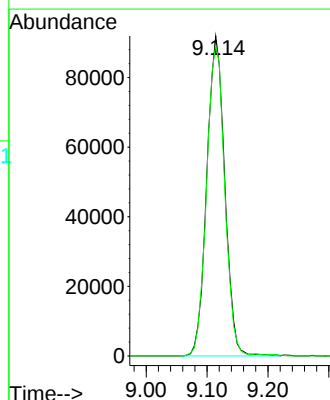
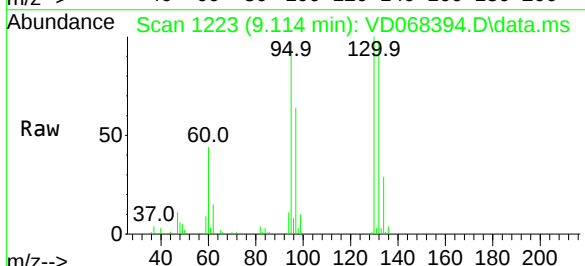
MMDadoda
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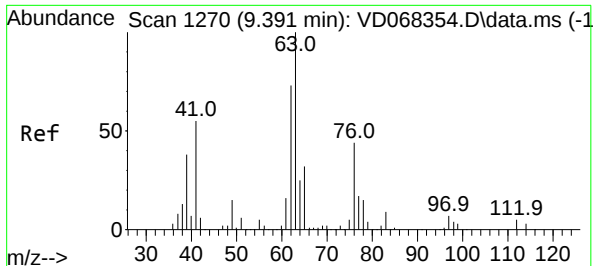


#44

Trichloroethene
Concen: 45.84 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 130	Resp: 188699
Ion Ratio	Lower Upper
130	100
95	97.1 0.0 191.2





#45

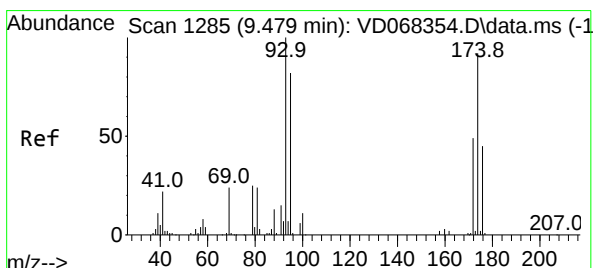
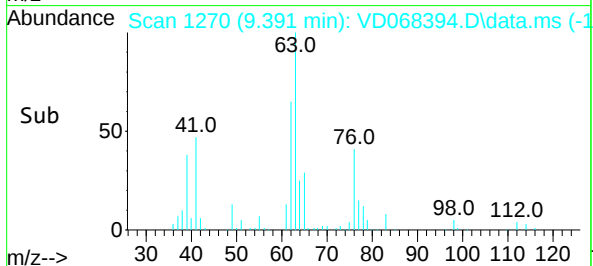
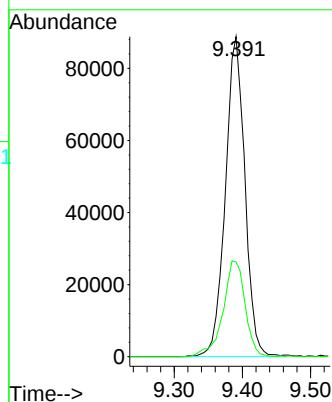
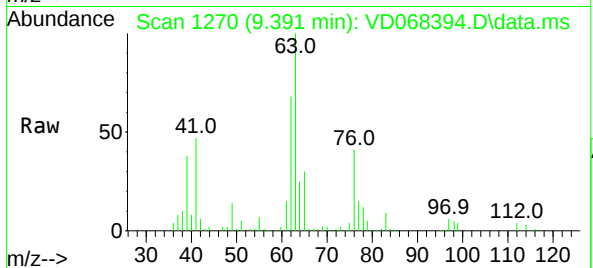
1,2-Dichloropropane
Concen: 47.93 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 63 Resp: 176908
Ion Ratio Lower Upper
63 100
65 29.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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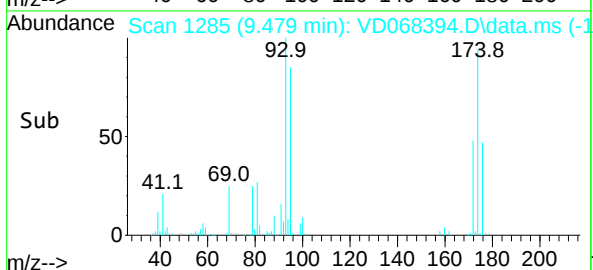
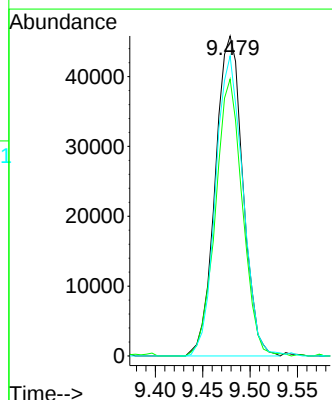
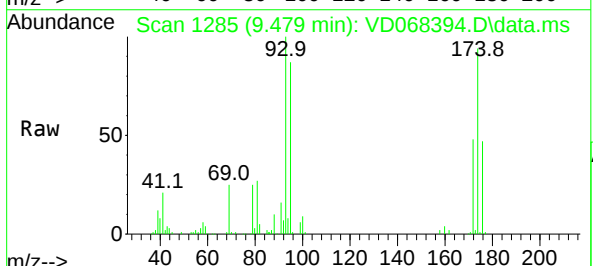
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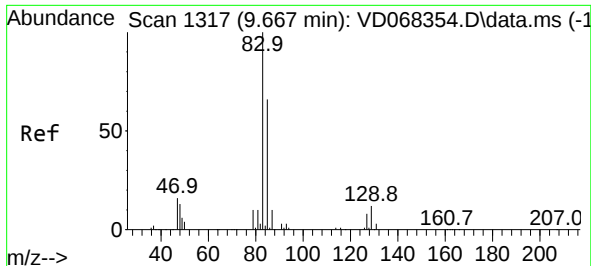


#46

Dibromomethane
Concen: 46.36 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 93 Resp: 92832
Ion Ratio Lower Upper
93 100
95 84.4 67.3 100.9
174 93.0 84.6 127.0





#47

Bromodichloromethane

Concen: 48.04 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VD068394.D

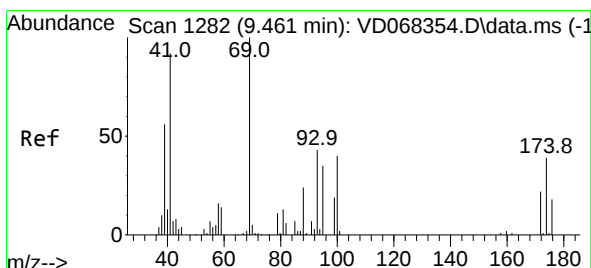
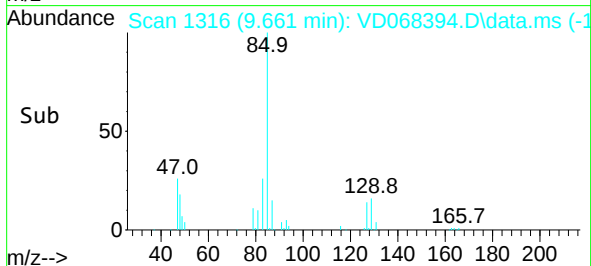
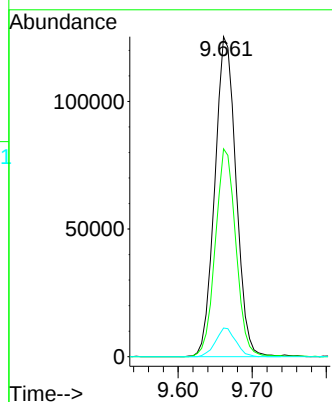
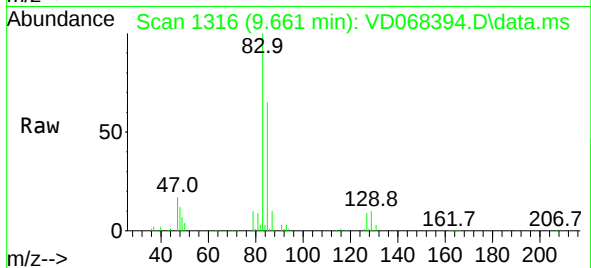
Acq: 19 Feb 2021 11:54

Tgt Ion:	83	Resp:	249387
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.6	77.4
127	8.9	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#48

Methyl methacrylate

Concen: 44.78 ug/l

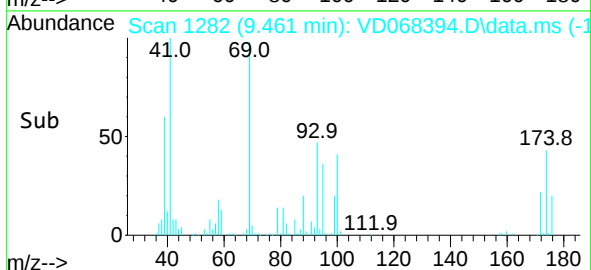
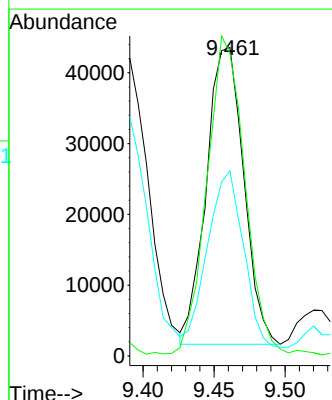
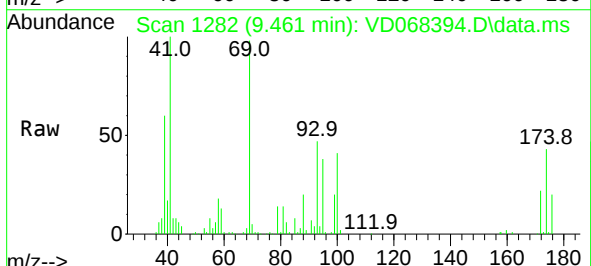
RT: 9.461 min Scan# 1282

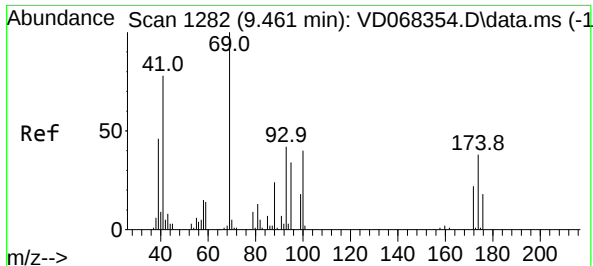
Delta R.T. -0.000 min

Lab File: VD068394.D

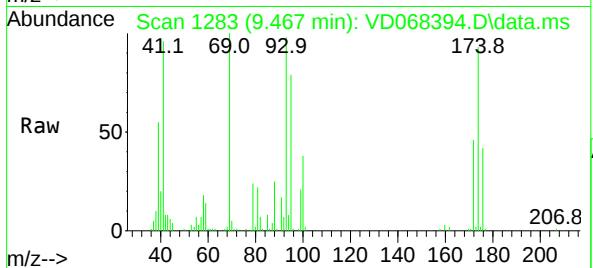
Acq: 19 Feb 2021 11:54

Tgt Ion:	41	Resp:	76699
Ion Ratio	Lower	Upper	
41	100		
69	109.6	77.1	115.7
39	57.1	41.5	62.3

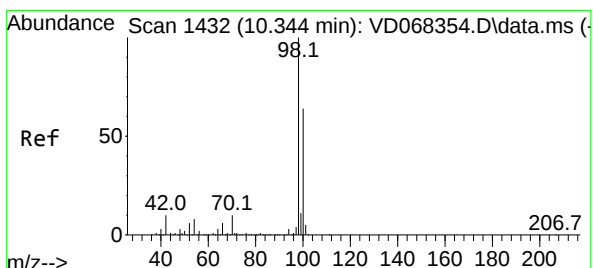
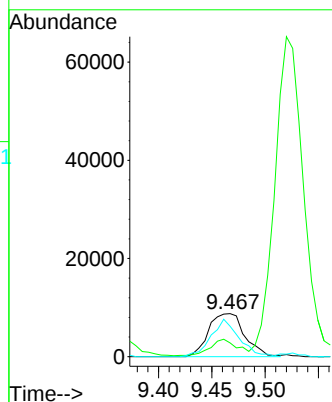
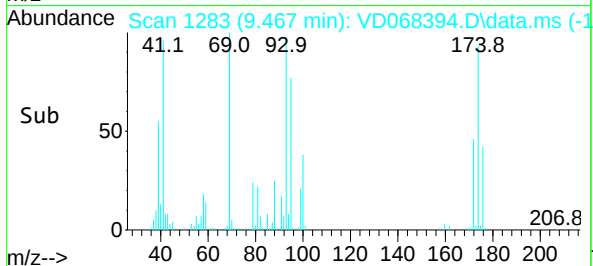




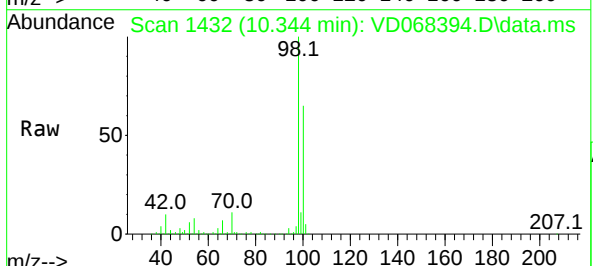
#49
1,4-Dioxane
Concen: 884.99 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



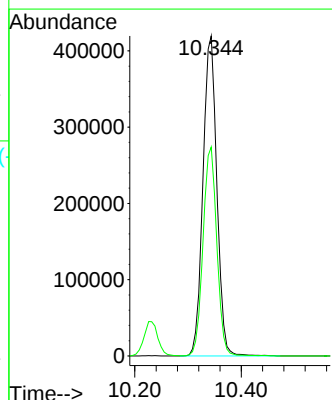
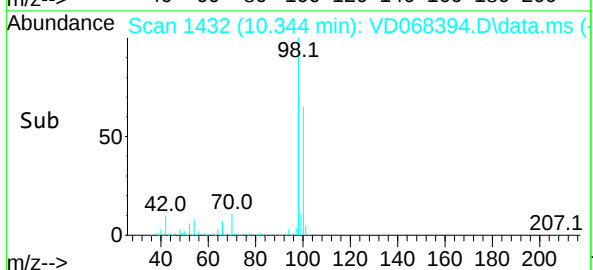
Tgt Ion: 88 Resp: 20704
Ion Ratio Lower Upper
88 100
43 29.8 22.1 33.1
58 67.6 46.7 70.1



#50
Toluene-d8
Concen: 51.42 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



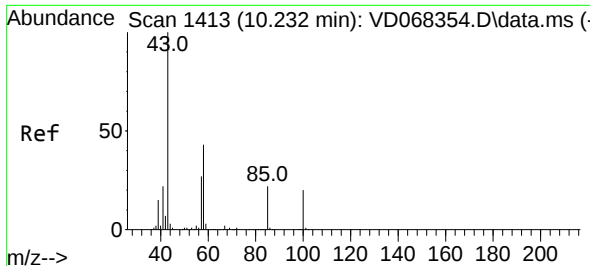
Tgt Ion: 98 Resp: 758357
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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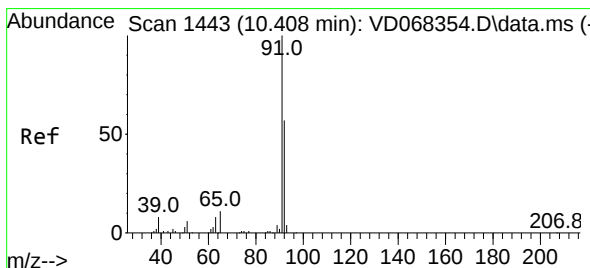
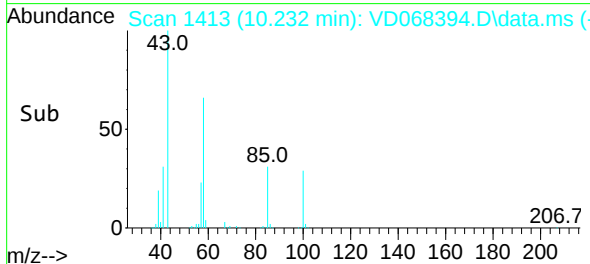
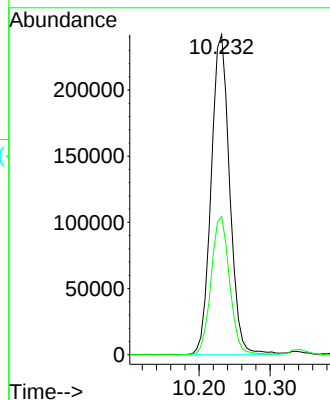
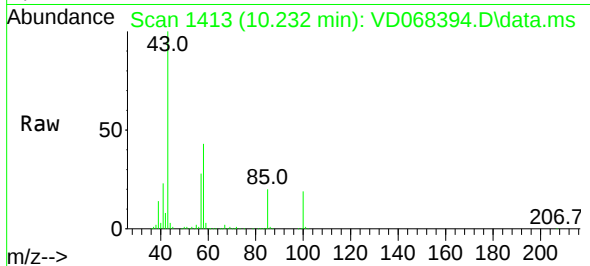
#51
4-Methyl-2-Pentanone
Concen: 248.39 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 43 Resp: 437787
Ion Ratio Lower Upper
43 100
58 43.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

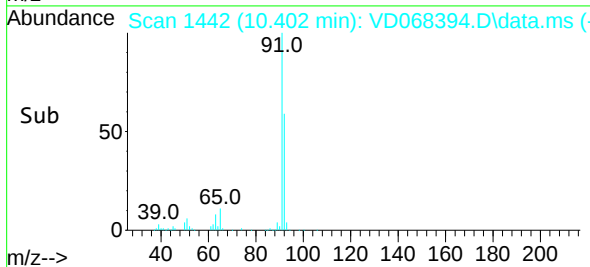
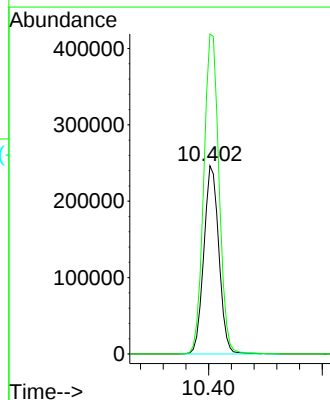
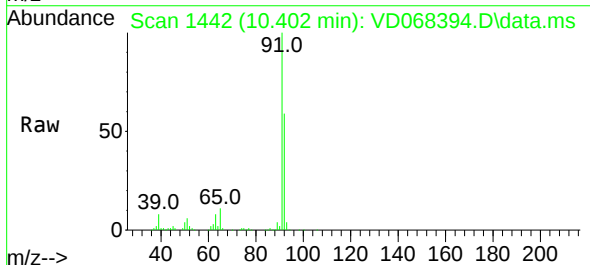
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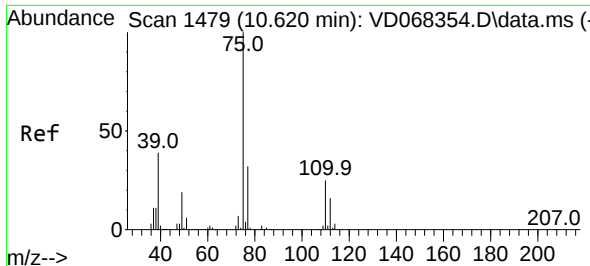
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#52
Toluene
Concen: 46.47 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 92 Resp: 451958
Ion Ratio Lower Upper
92 100
91 172.7 134.1 201.1





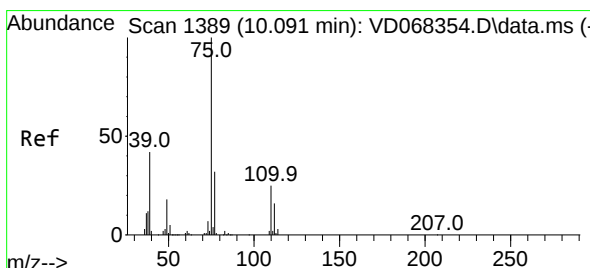
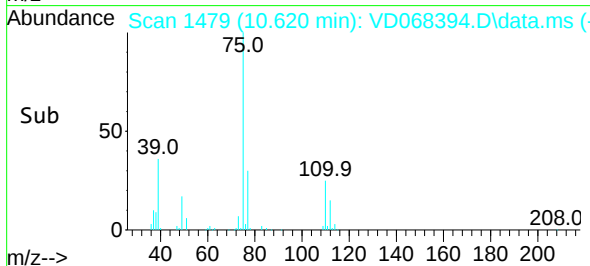
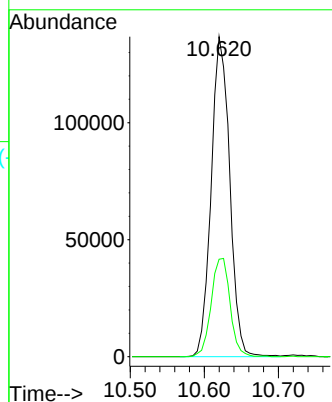
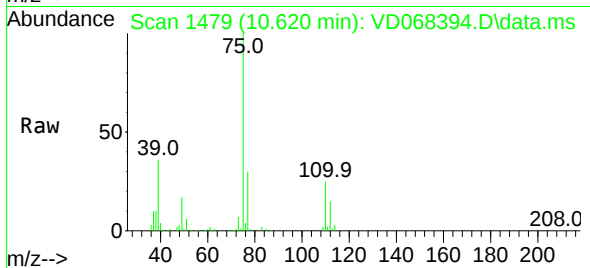
#53
t-1,3-Dichloropropene
Concen: 49.51 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 75 Resp: 237862
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

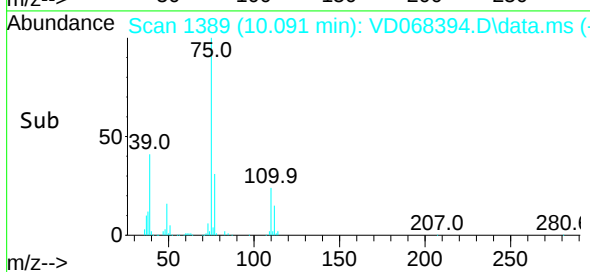
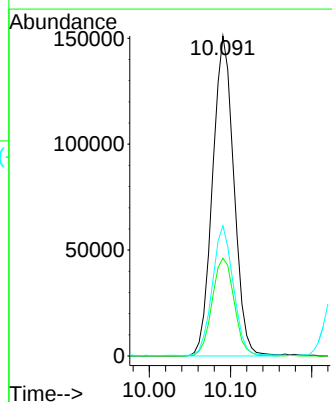
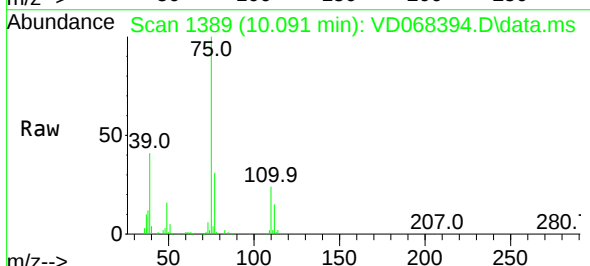
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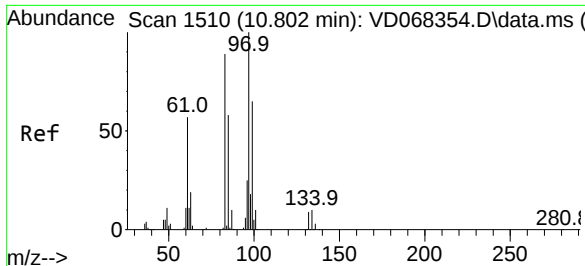
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#54
cis-1,3-Dichloropropene
Concen: 46.85 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 75 Resp: 275024
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0
39 40.5 31.4 47.0





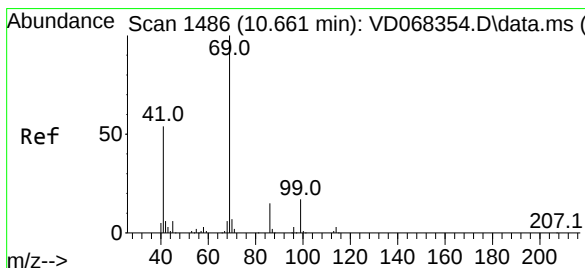
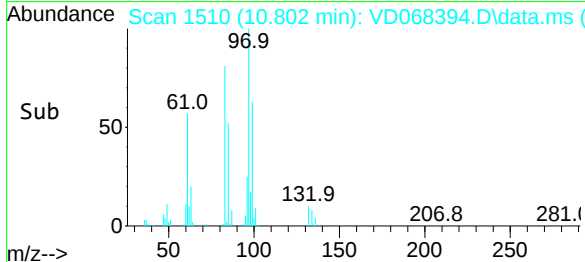
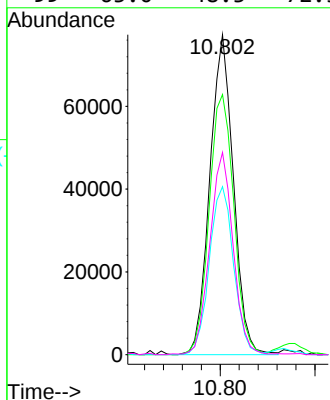
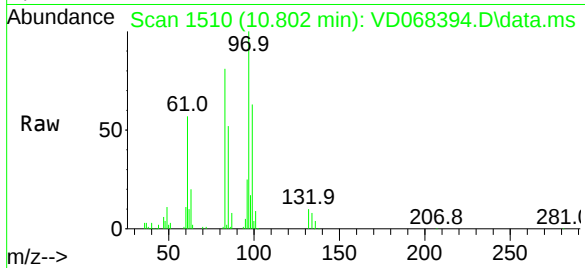
#55
1,1,2-Trichloroethane
Concen: 48.34 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:	97	Resp:	133708
Ion	Ratio	Lower	Upper
97	100		
83	81.3	61.8	92.6
85	52.5	42.2	63.2
99	63.0	48.3	72.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

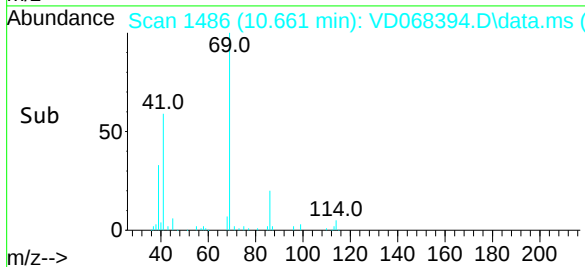
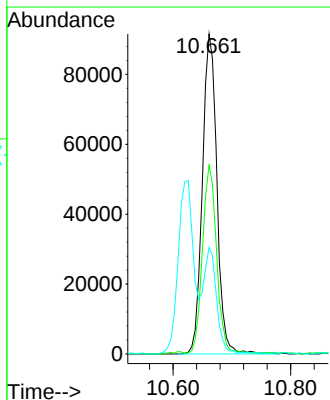
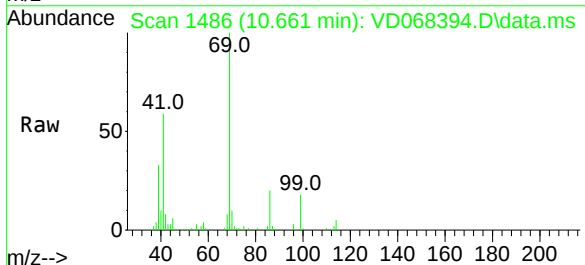
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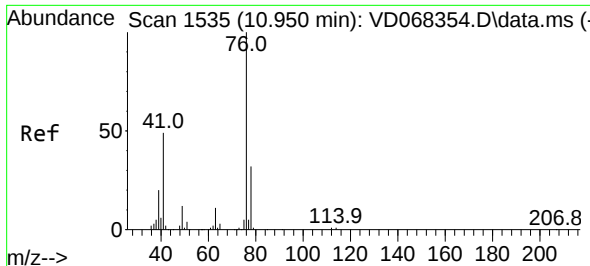
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#56
Ethyl methacrylate
Concen: 47.75 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

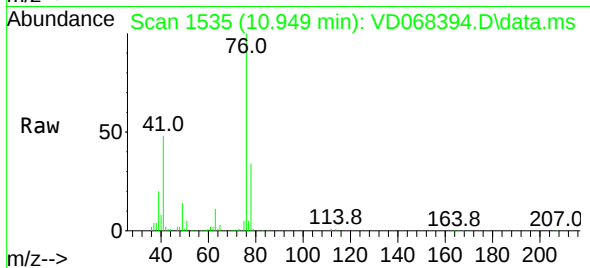
Tgt Ion:	69	Resp:	156730
Ion	Ratio	Lower	Upper
69	100		
41	57.0	44.9	67.3
39	29.5	21.9	32.9





#57
1,3-Dichloropropane
Concen: 47.10 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

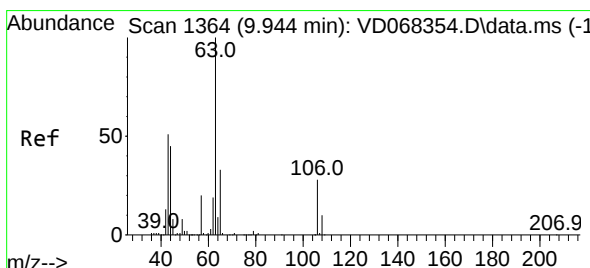
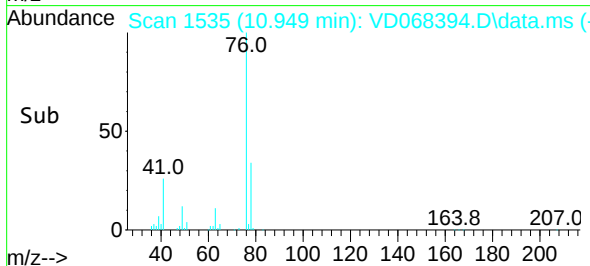
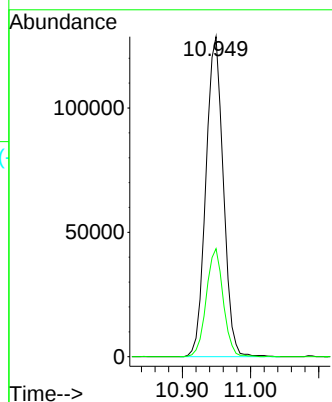
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 228618
Ion Ratio Lower Upper
76 100
78 32.9 25.6 38.4

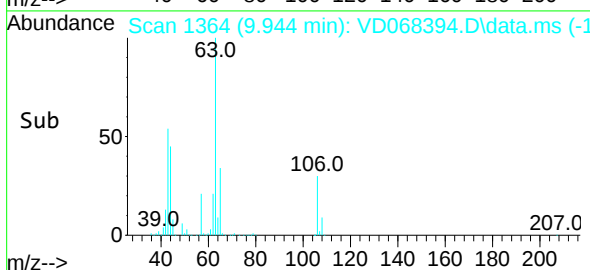
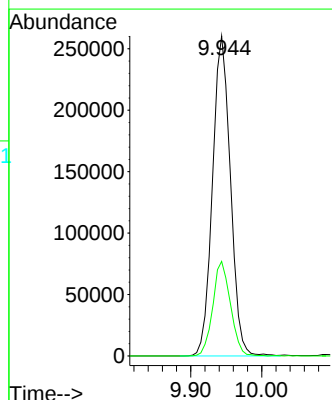
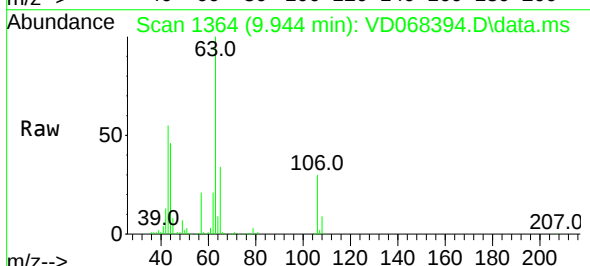
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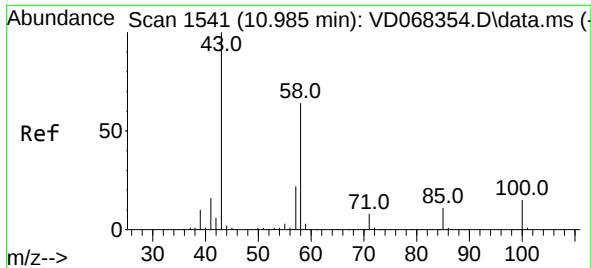
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#58
2-Chloroethyl Vinyl ether
Concen: 259.64 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 63 Resp: 456312
Ion Ratio Lower Upper
63 100
106 29.1 27.0 40.4





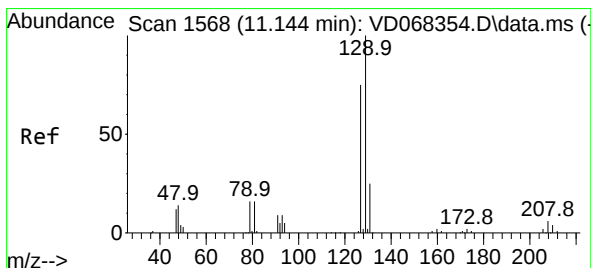
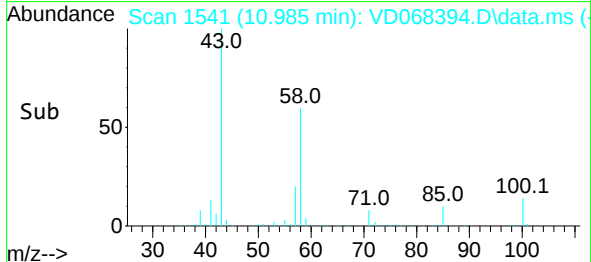
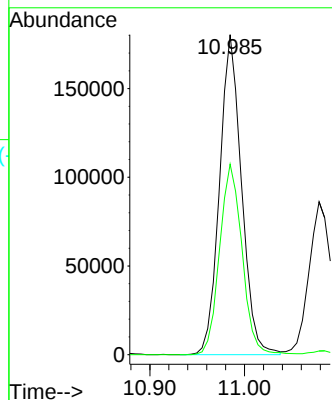
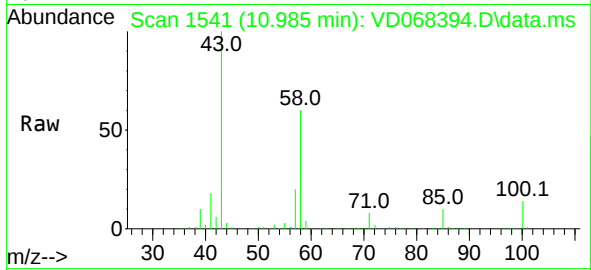
#59
2-Hexanone
Concen: 244.41 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 43 Resp: 291191
Ion Ratio Lower Upper
43 100
58 60.8 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

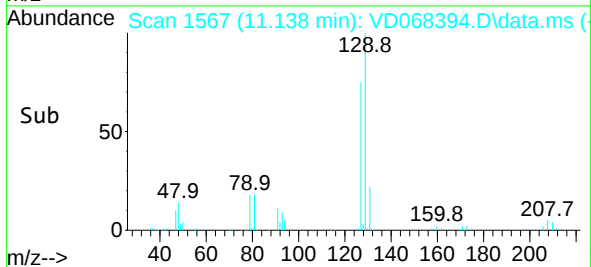
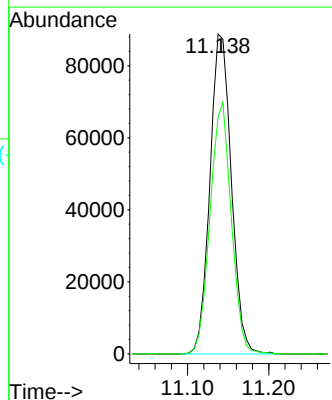
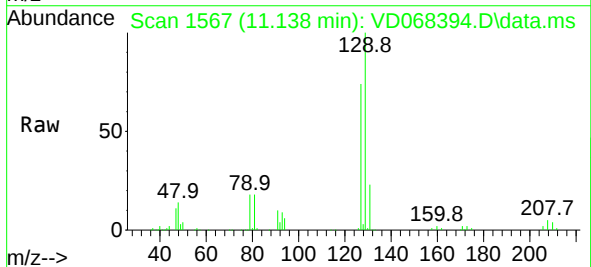
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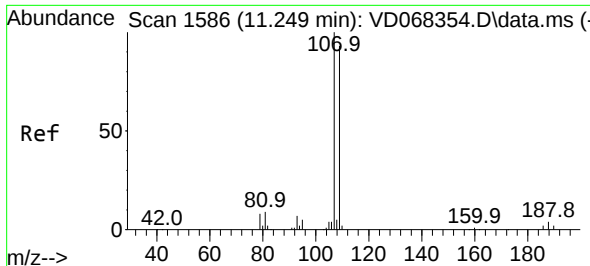
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#60
Dibromochloromethane
Concen: 47.49 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

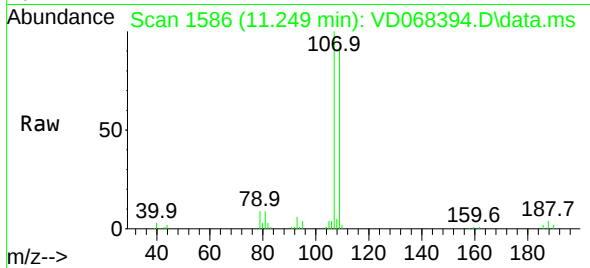
Tgt Ion: 129 Resp: 162994
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 45.59 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

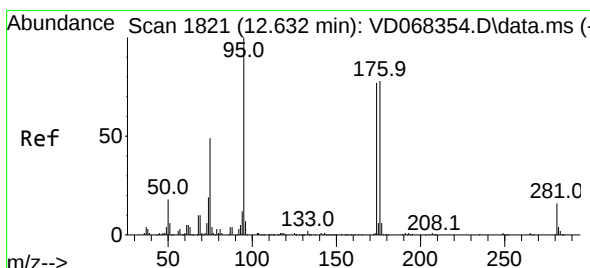
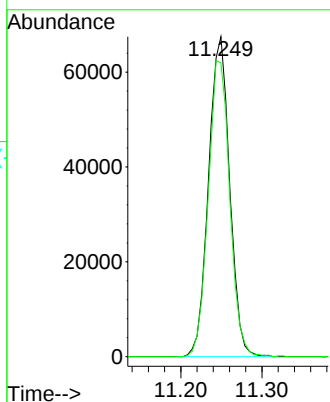
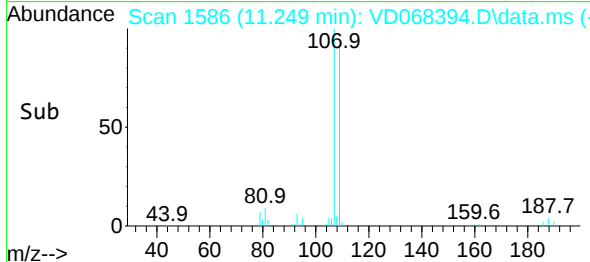
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



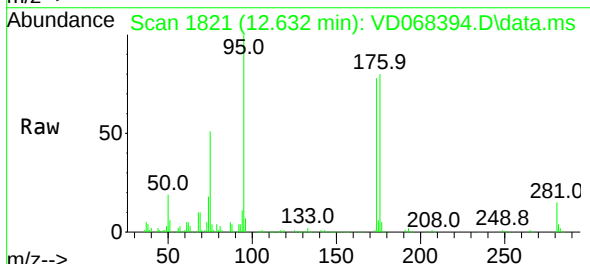
Tgt Ion:107 Resp: 121866
Ion Ratio Lower Upper
107 100
109 94.4 74.8 112.2

Manual Integrations
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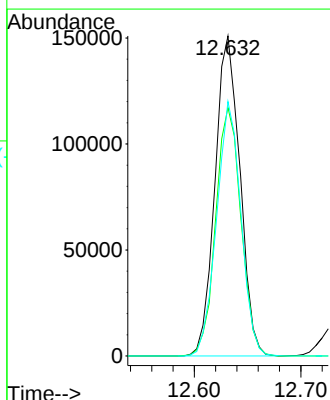
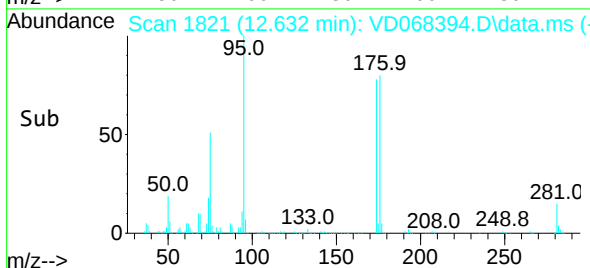
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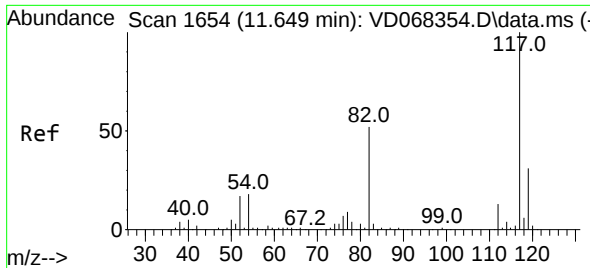


#62
4-Bromofluorobenzene
Concen: 51.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



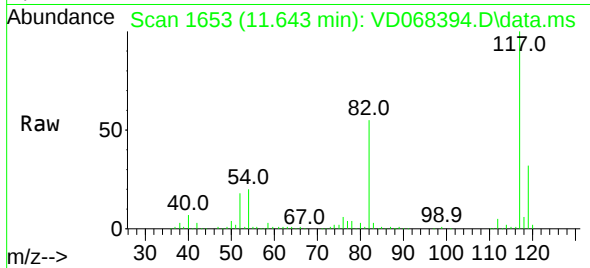
Tgt Ion: 95 Resp: 245162
Ion Ratio Lower Upper
95 100
174 78.5 0.0 172.4
176 77.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

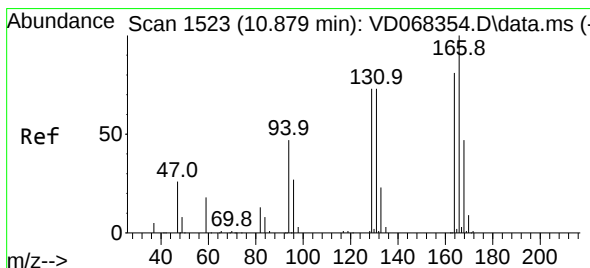
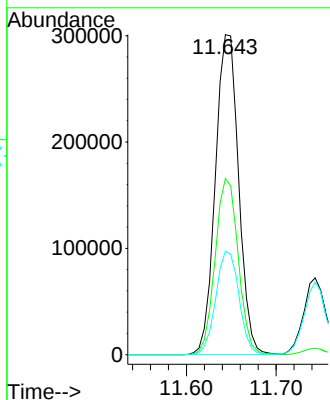
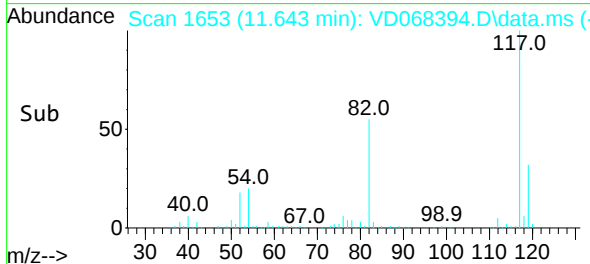
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



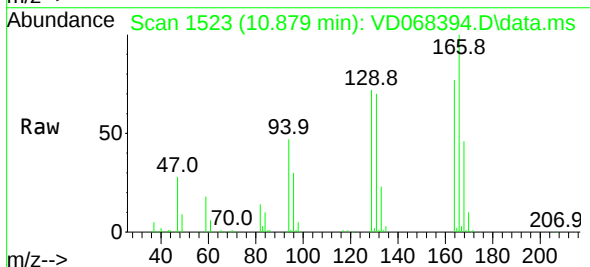
Tgt Ion:117 Resp: 542210
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 32.4 26.1 39.1

Manual Integrations
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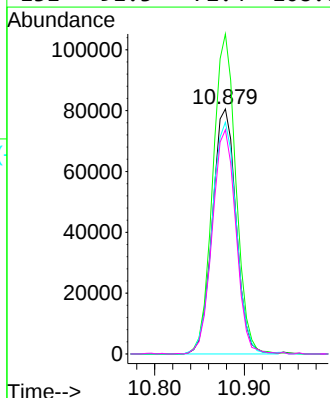
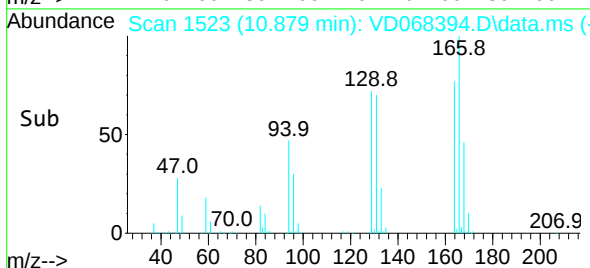
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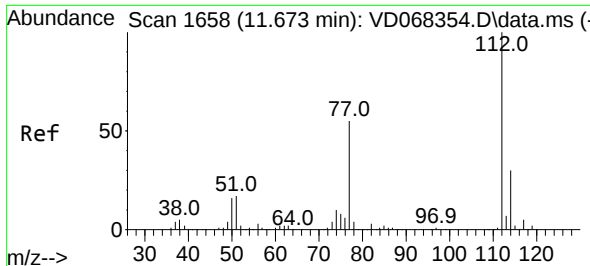


#64
Tetrachloroethene
Concen: 44.31 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



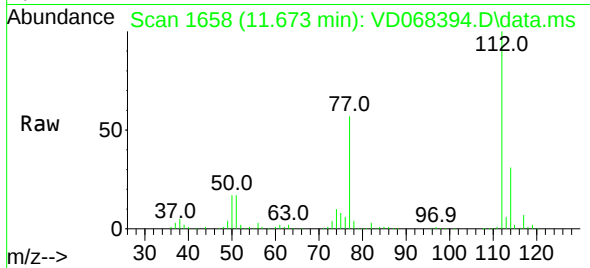
Tgt Ion:164 Resp: 147847
Ion Ratio Lower Upper
164 100
166 130.6 105.5 158.3
129 94.6 75.6 113.4
131 91.3 72.4 108.6





#65
Chlorobenzene
Concen: 46.61 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

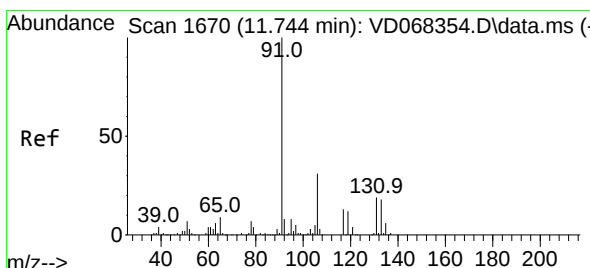
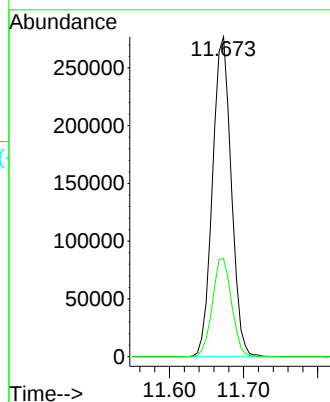
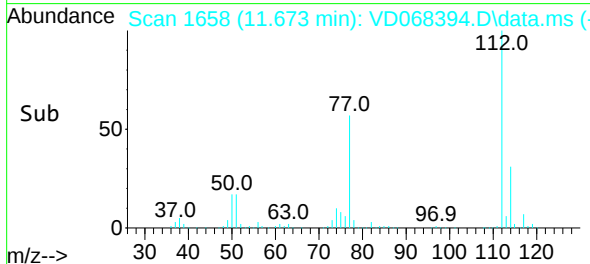
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



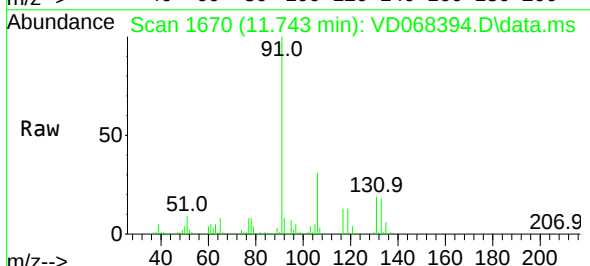
Tgt Ion:112 Resp: 485877
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

Manual Integrations
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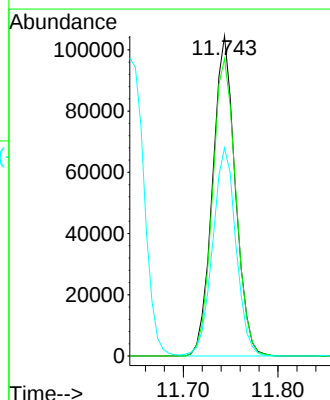
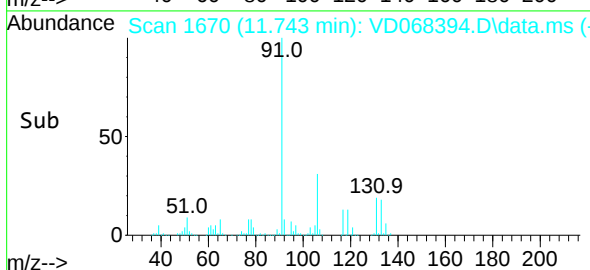
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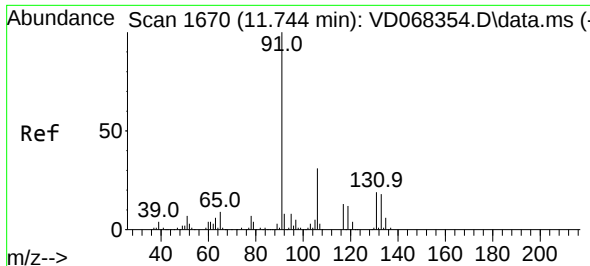


#66
1,1,1,2-Tetrachloroethane
Concen: 47.77 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion:131 Resp: 173779
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 66.9 31.6 94.8





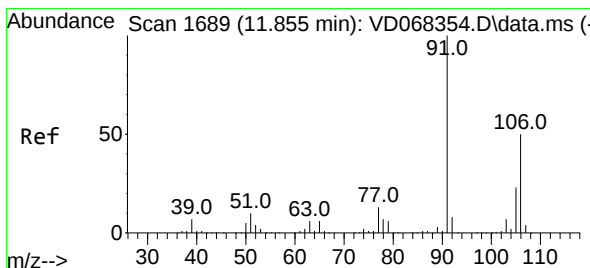
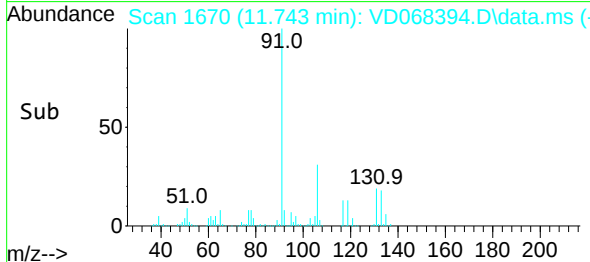
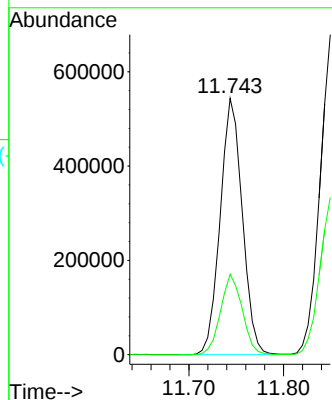
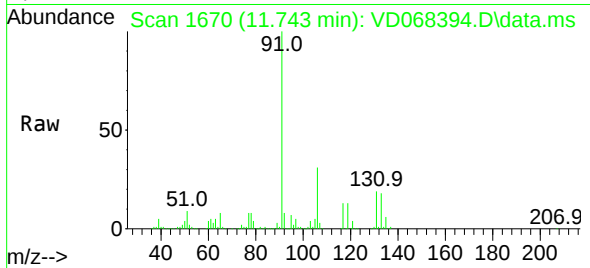
#67
Ethyl Benzene
Concen: 47.23 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 91 Resp: 882800
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

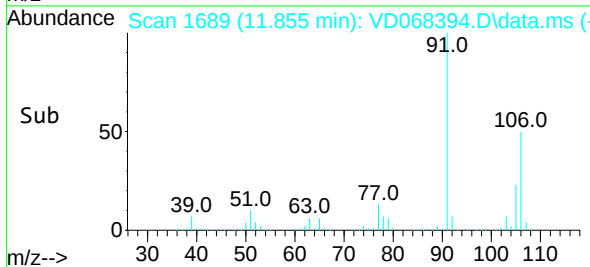
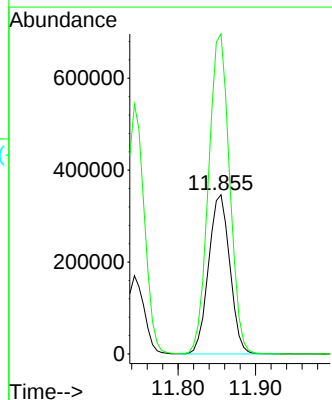
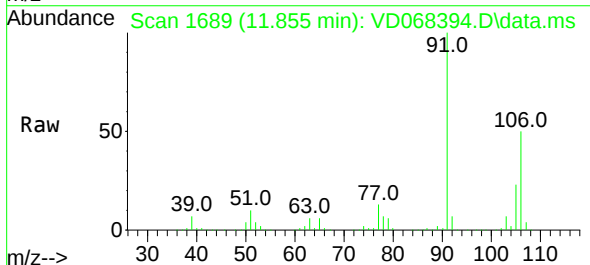
Manual Integrations
APPROVED

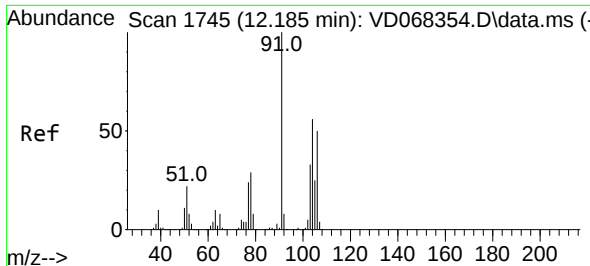
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#68
m/p-Xylenes
Concen: 93.66 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:106 Resp: 661684
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7





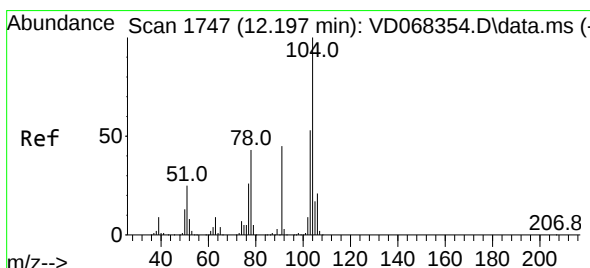
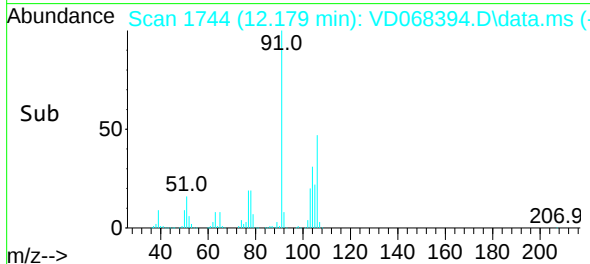
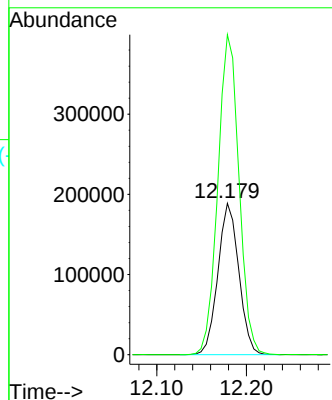
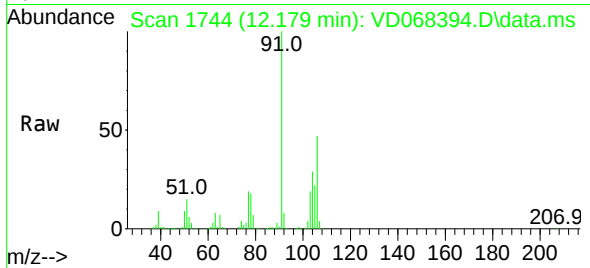
#69
o-Xylene
Concen: 47.14 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:106 Resp: 305551
Ion Ratio Lower Upper
106 100
91 213.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

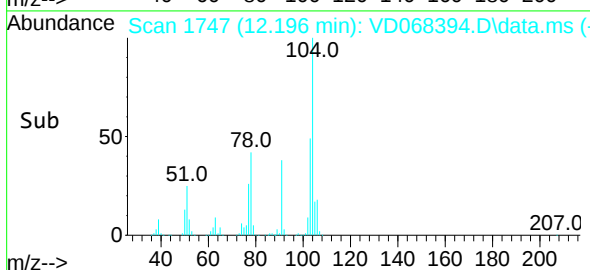
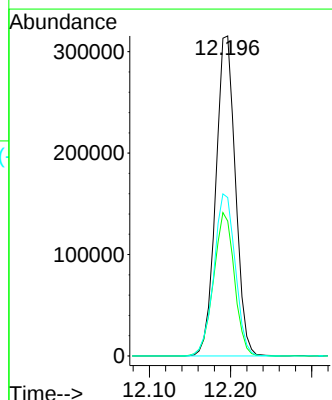
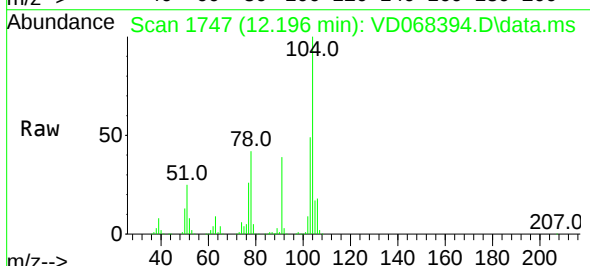
Manual Integrations
APPROVED

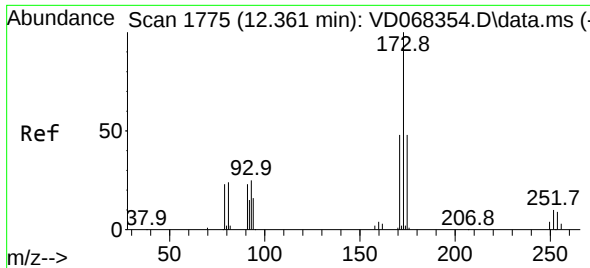
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#70
Styrene
Concen: 47.00 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:104 Resp: 529883
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.2
103 55.1 43.1 64.7





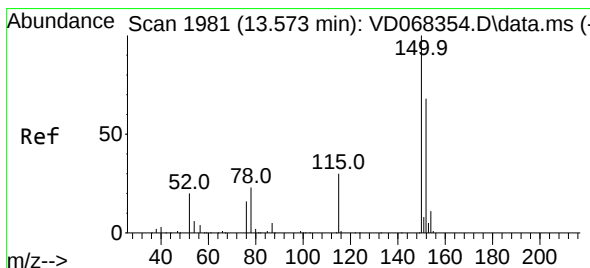
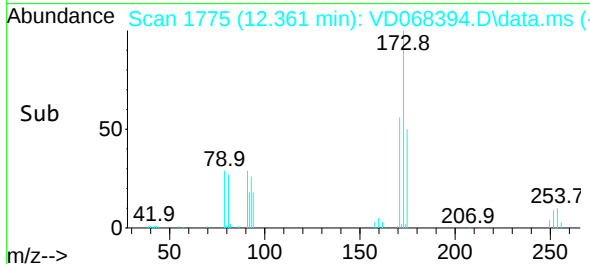
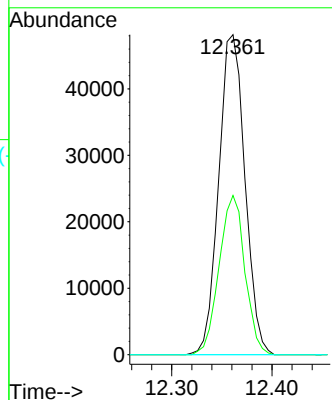
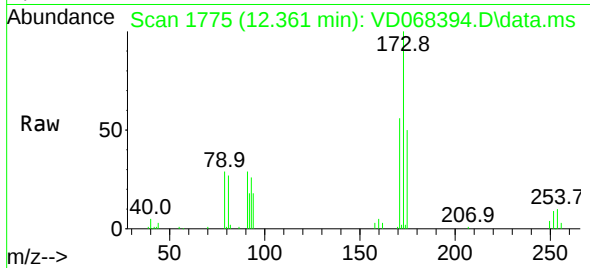
#71
Bromoform
Concen: 46.72 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:	173	Resp:	87323
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

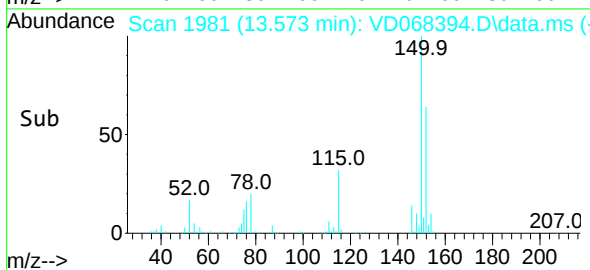
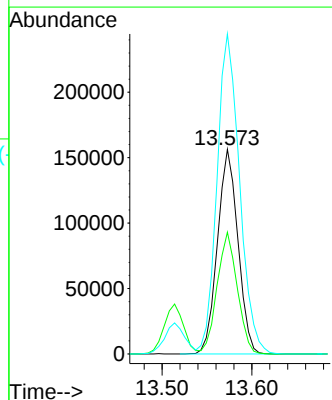
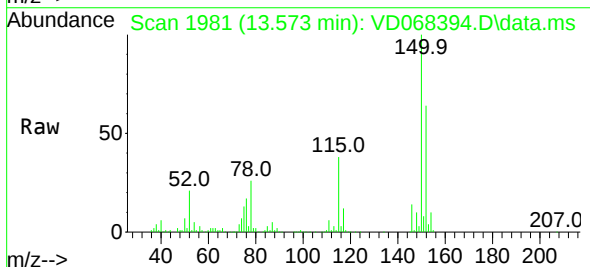
Manual Integrations
APPROVED

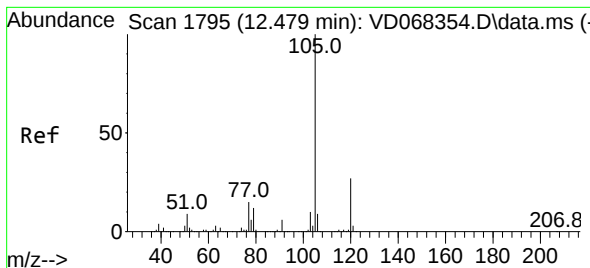
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

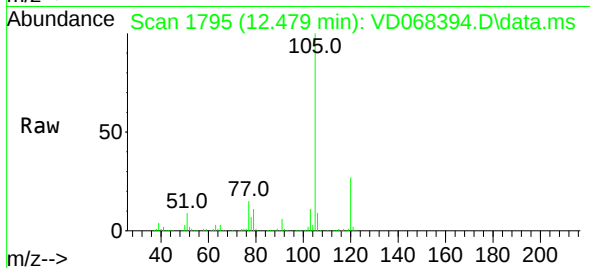
Tgt Ion:	152	Resp:	247364
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.9	86.8
150	172.8	0.0	344.4



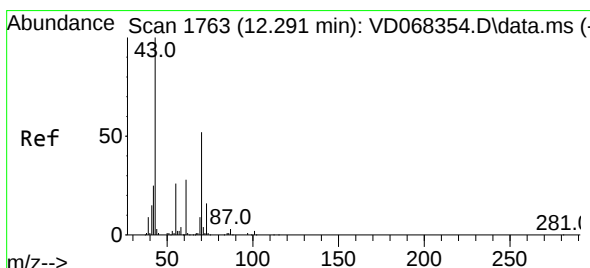
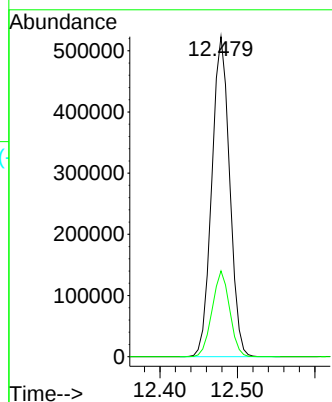
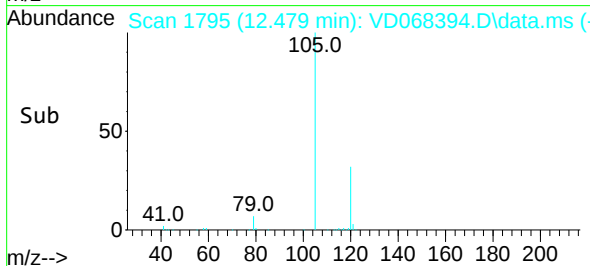


#73
Isopropylbenzene
Concen: 46.27 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

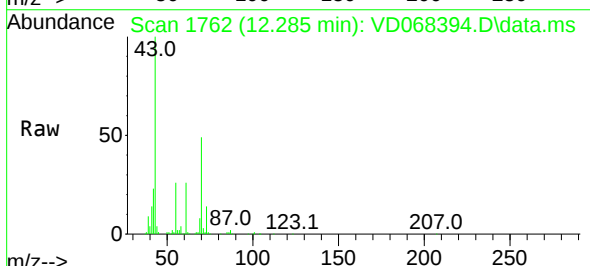
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



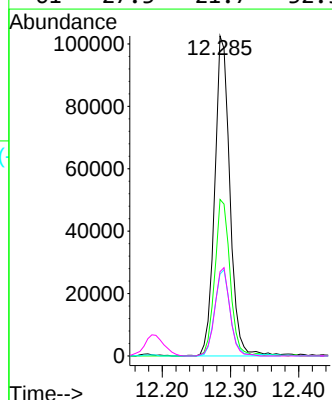
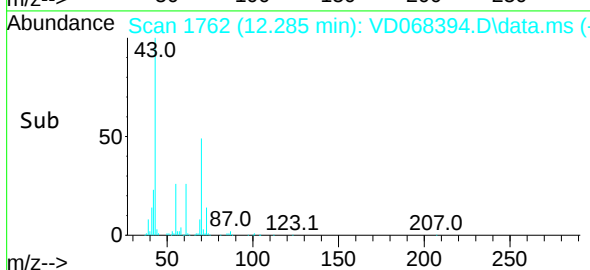
Tgt Ion: 105 Resp: 835958
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

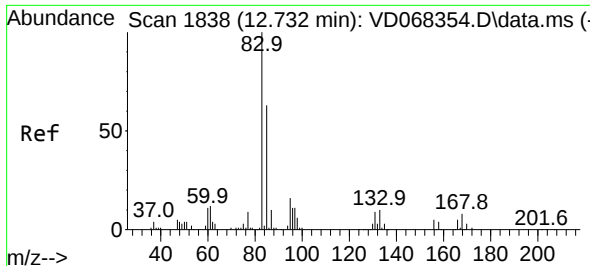


#74
N-ethyl acetate
Concen: 49.86 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion: 43 Resp: 159092
Ion Ratio Lower Upper
43 100
70 49.0 41.8 62.8
55 27.1 24.2 36.4
61 27.3 21.7 32.5





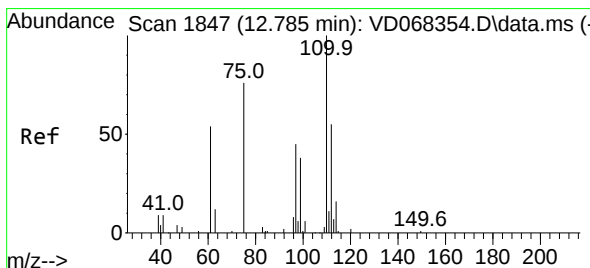
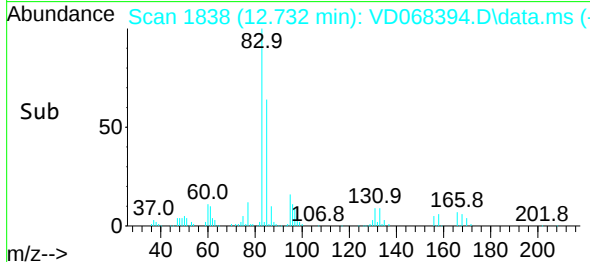
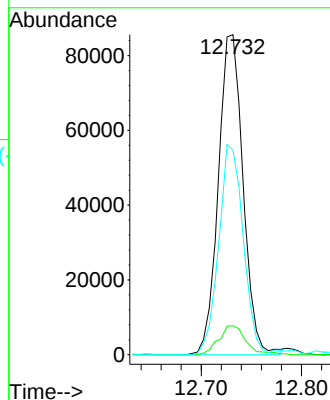
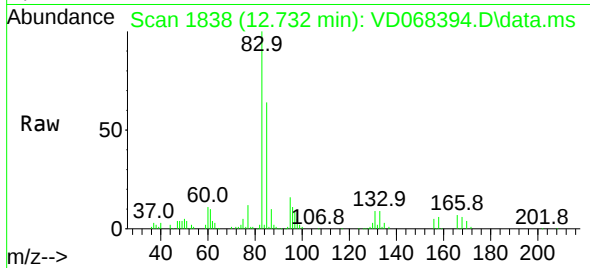
#75
1,1,2,2-Tetrachloroethane
Concen: 46.71 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 83 Resp: 146254
Ion Ratio Lower Upper
83 100
131 10.0 5.8 17.4
85 65.0 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

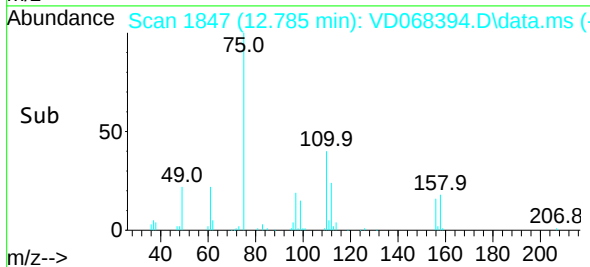
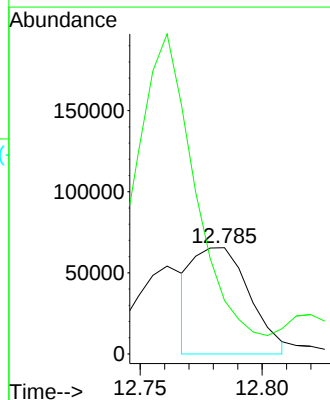
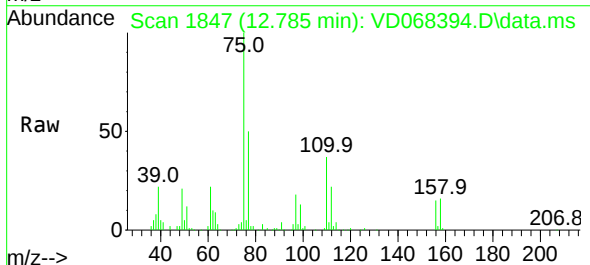
Manual Integrations
APPROVED

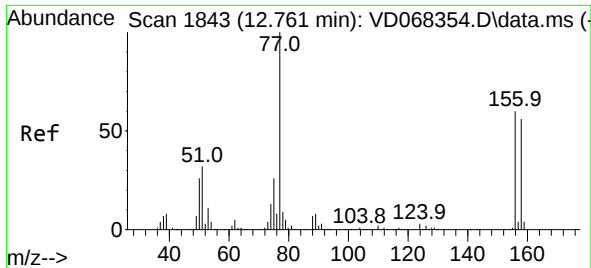
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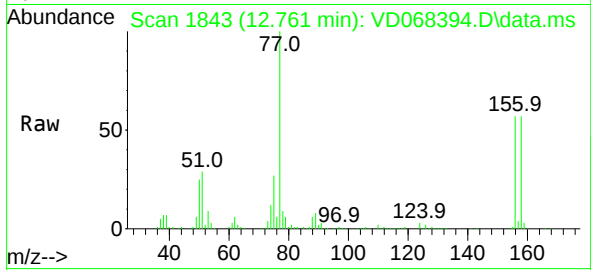
#76
1,2,3-Trichloropropane
Concen: 44.88 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion: 75 Resp: 105643
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

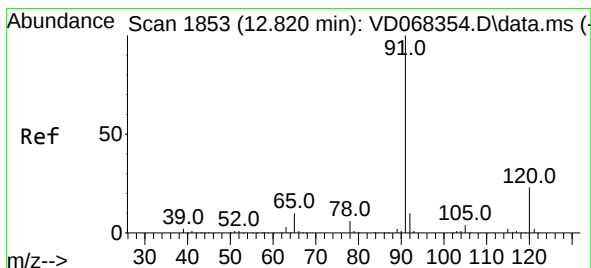
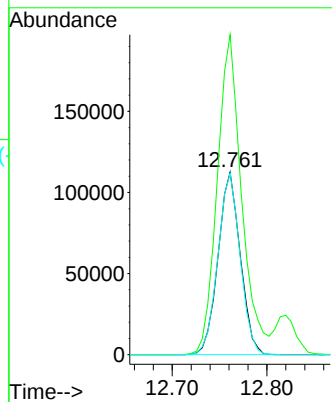
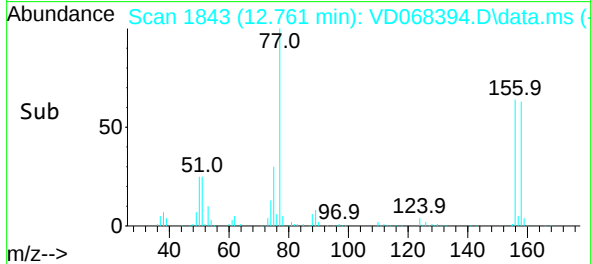




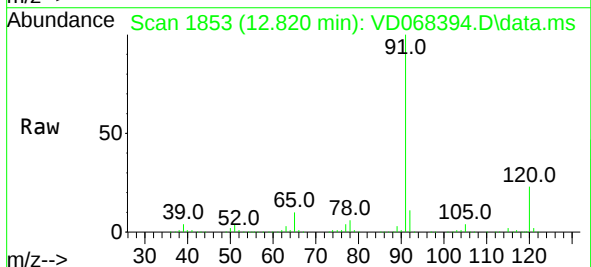
#77
Bromobenzene
Concen: 45.45 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



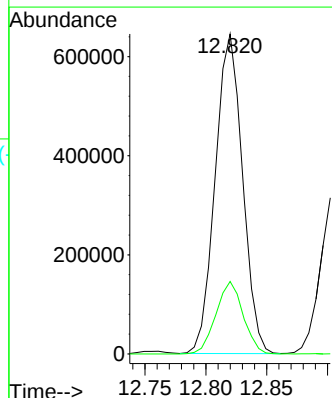
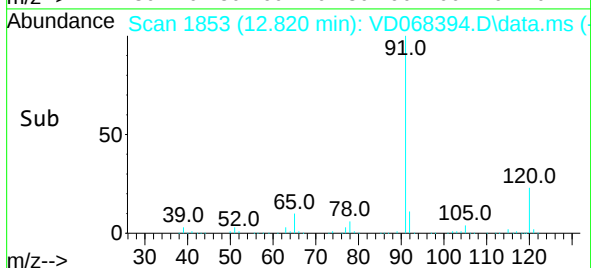
Tgt Ion:156 Resp: 183456
Ion Ratio Lower Upper
156 100
77 192.5 82.8 248.3
158 99.2 48.0 144.0



#78
n-propylbenzene
Concen: 46.56 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



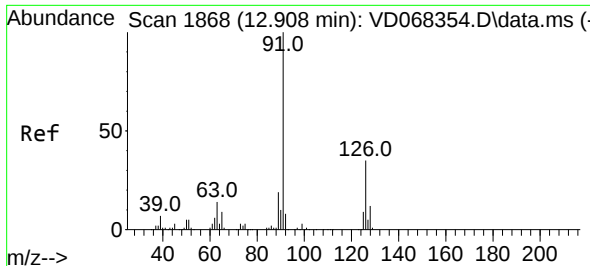
Tgt Ion: 91 Resp: 1006937
Ion Ratio Lower Upper
91 100
120 22.5 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

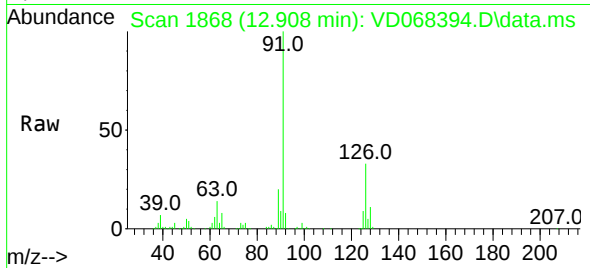
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#79
2-Chlorotoluene
Concen: 46.29 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

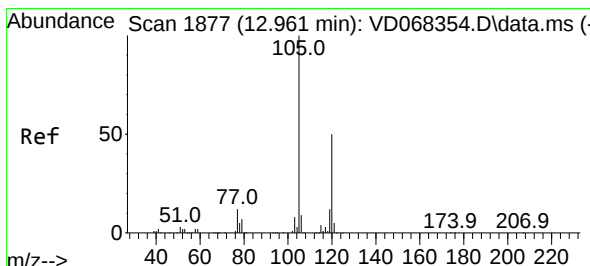
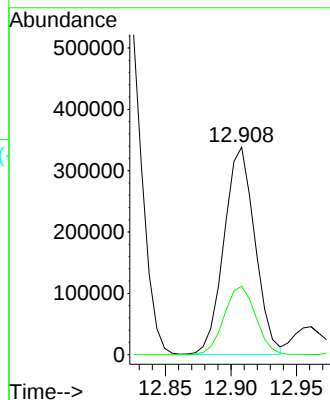
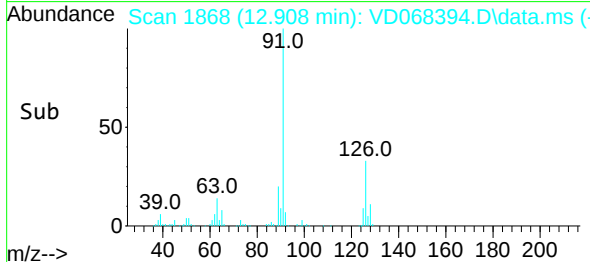
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



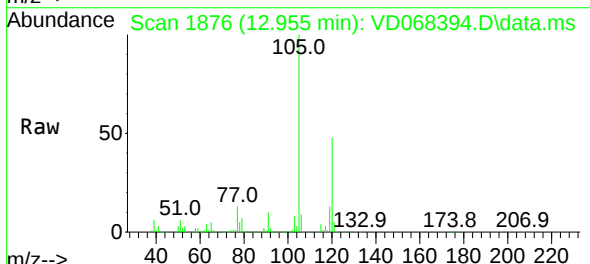
Tgt Ion: 91 Resp: 554569
Ion Ratio Lower Upper
91 100
126 33.7 17.8 53.5

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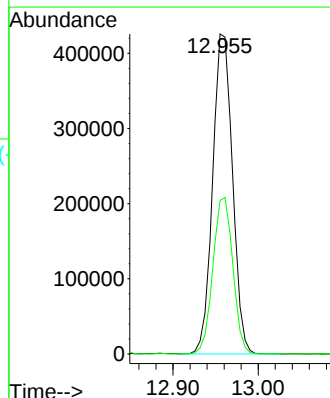
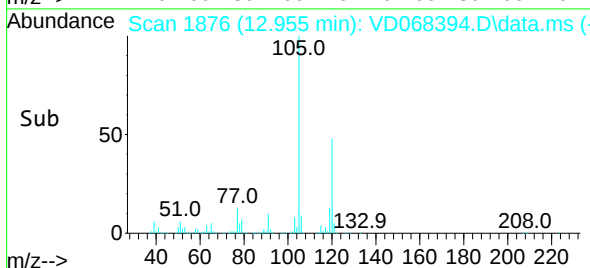
MMDadoda
2/22/2021 4:58:01 PM

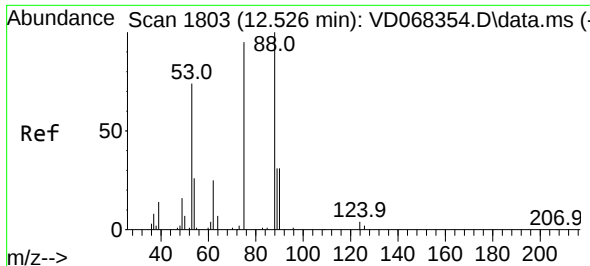


#80
1,3,5-Trimethylbenzene
Concen: 46.65 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



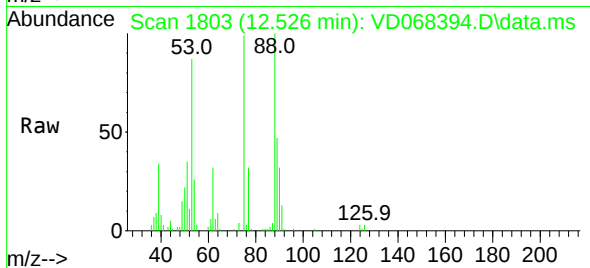
Tgt Ion: 105 Resp: 688748
Ion Ratio Lower Upper
105 100
120 49.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.42 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

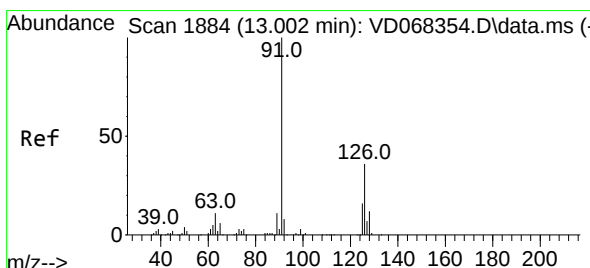
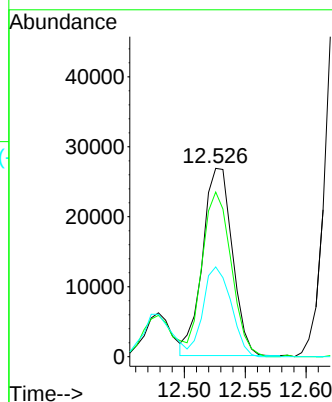
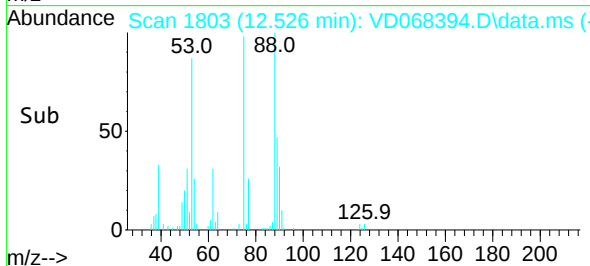
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



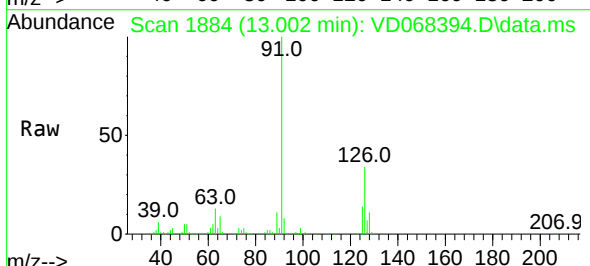
Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.4	70.2	105.2
89	44.9	40.3	60.5

Manual Integrations
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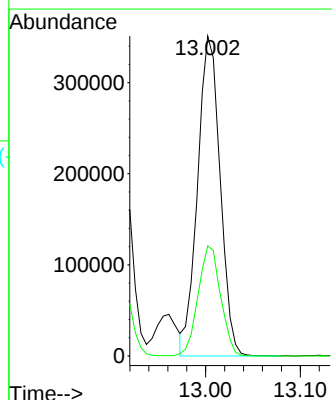
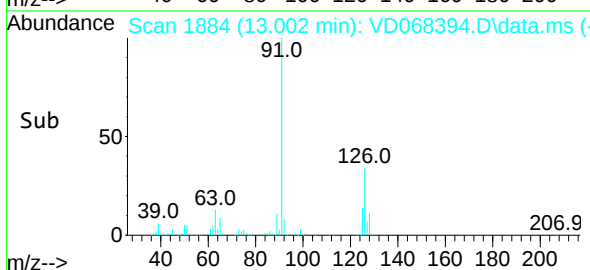
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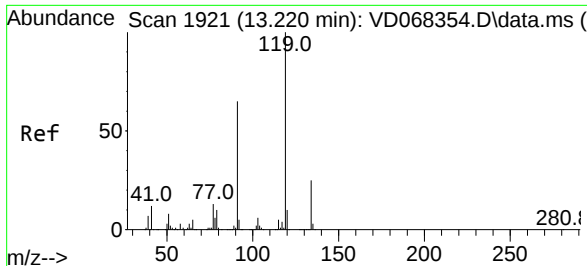


#82
4-Chlorotoluene
Concen: 45.81 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



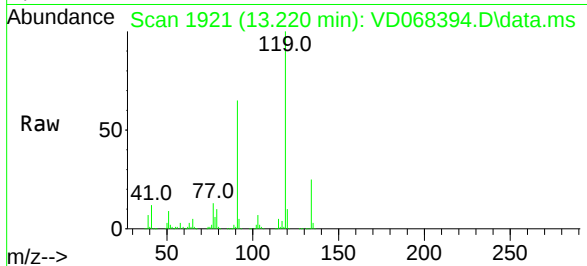
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.7	53.1





#83
tert-Butylbenzene
Concen: 47.14 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

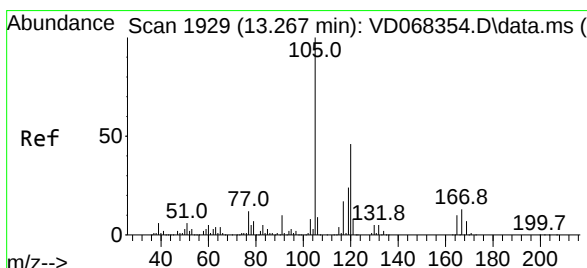
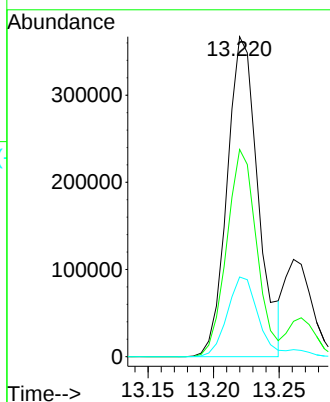
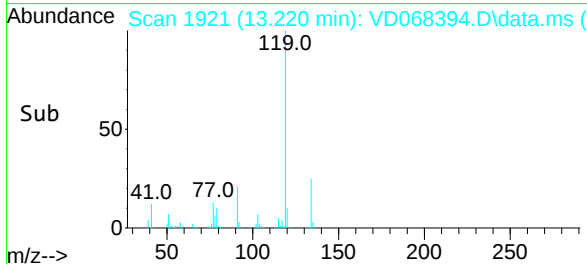
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



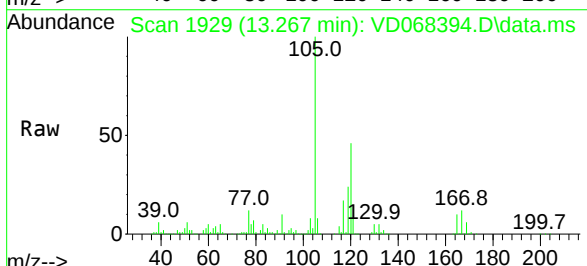
Tgt Ion:119 Resp: 603746
Ion Ratio Lower Upper
119 100
91 62.6 31.1 93.5
134 26.1 13.3 39.8

Manual Integrations
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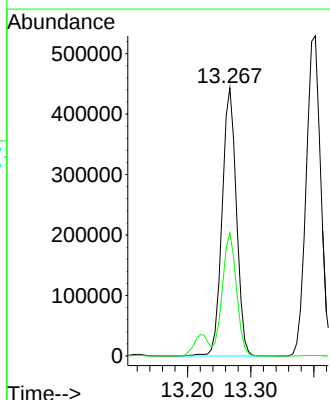
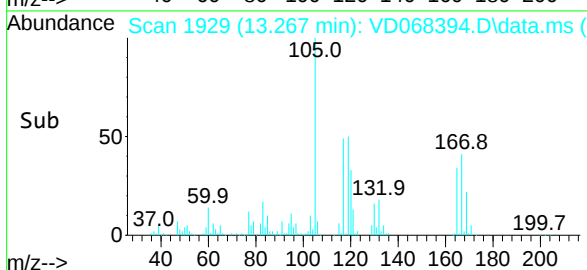
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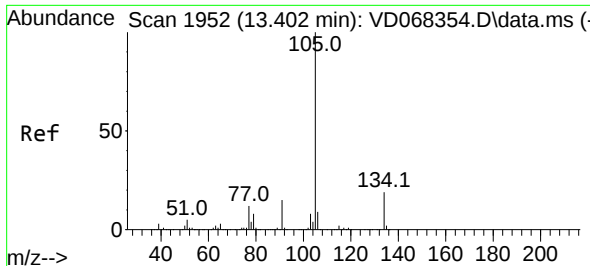


#84
1,2,4-Trimethylbenzene
Concen: 47.30 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



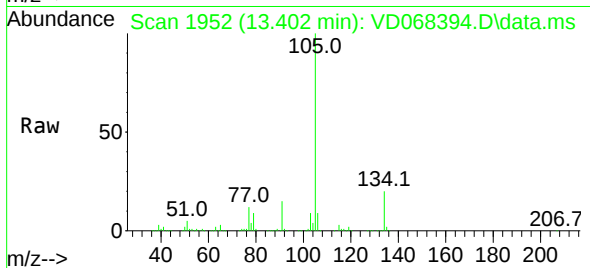
Tgt Ion:105 Resp: 695822
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.31 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54

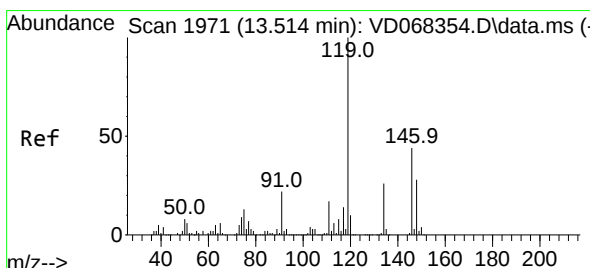
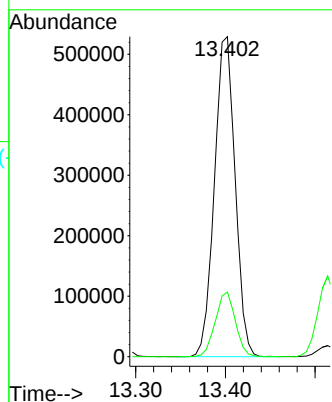
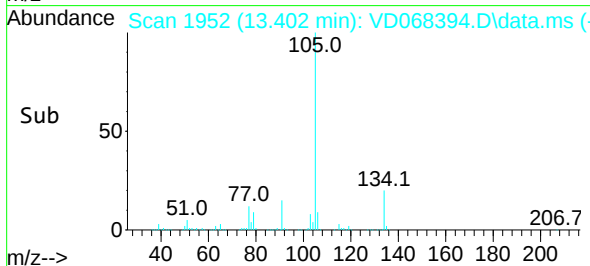
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



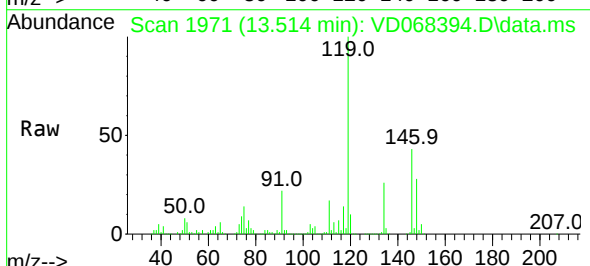
Tgt Ion:105 Resp: 847369
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.3 30.9

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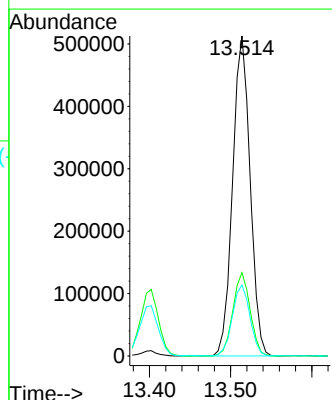
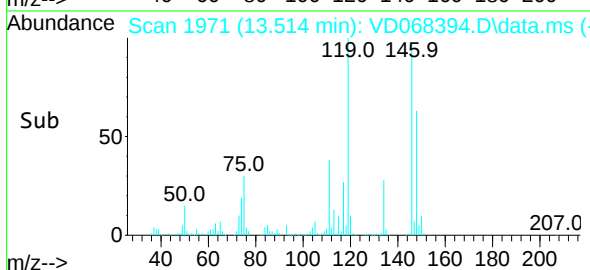
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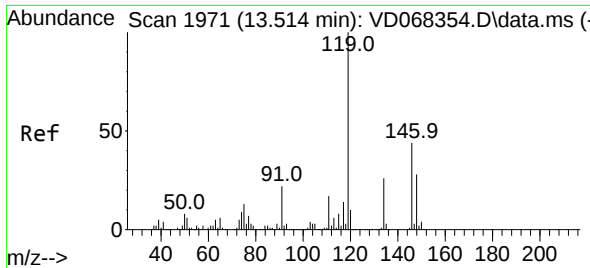


#86
 p-Isopropyltoluene
 Concen: 47.67 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54



Tgt Ion:119 Resp: 766716
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 22.3 11.7 35.0





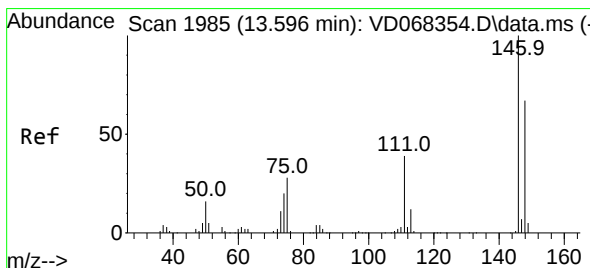
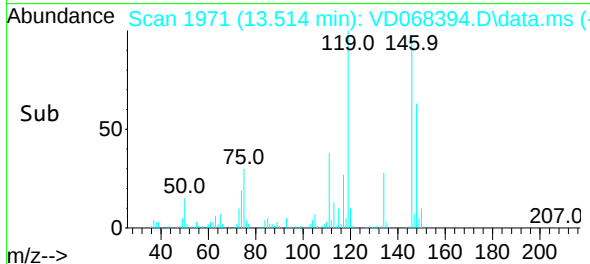
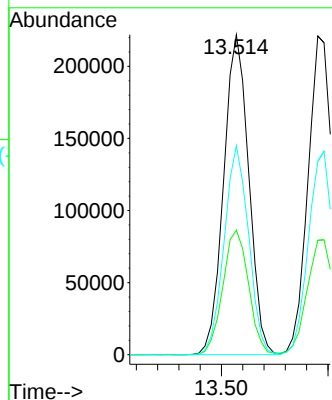
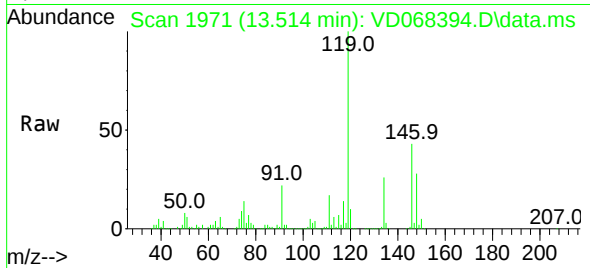
#87
 1,3-Dichlorobenzene
 Concen: 46.51 ug/l
 RT: 13.514 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54

Tgt Ion:146 Resp: 363186
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.5 58.5
 148 63.6 31.6 95.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

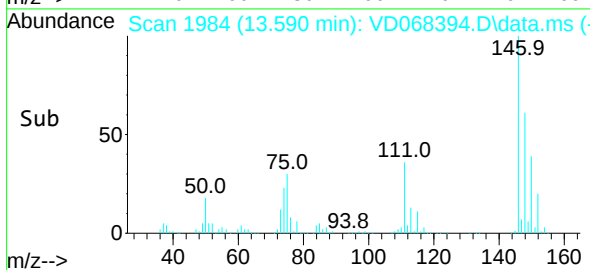
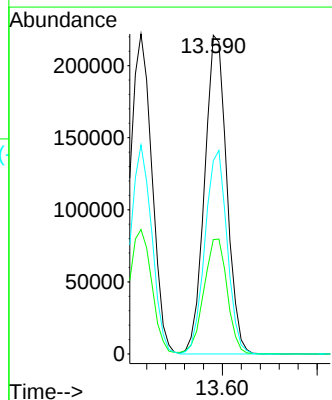
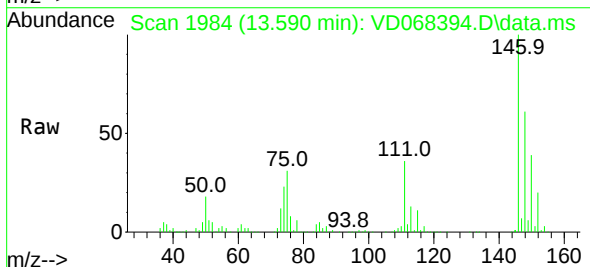
Manual Integrations
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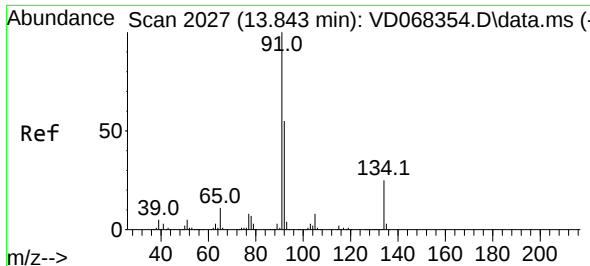
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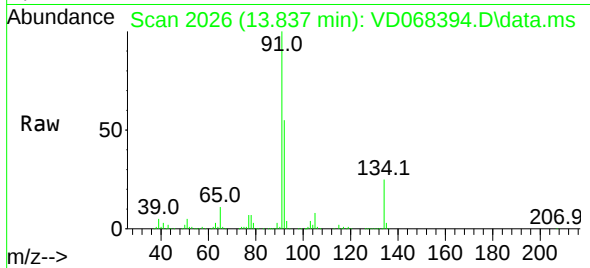
#88
 1,4-Dichlorobenzene
 Concen: 46.27 ug/l
 RT: 13.590 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VD068394.D
 Acq: 19 Feb 2021 11:54

Tgt Ion:146 Resp: 359511
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.9 31.9 95.7

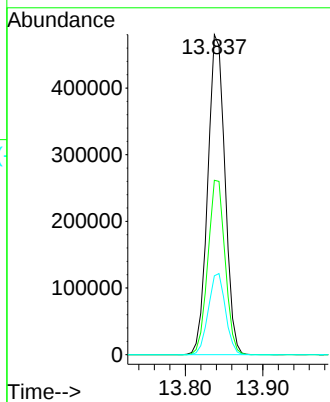
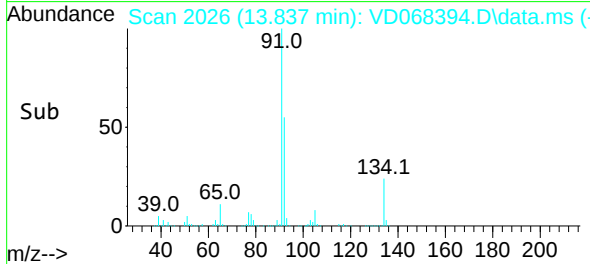




#89
n-Butylbenzene
Concen: 47.01 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



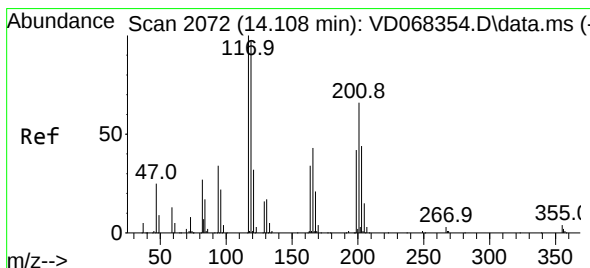
Tgt Ion: 91 Resp: 737696
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.6
134 25.4 13.9 41.7



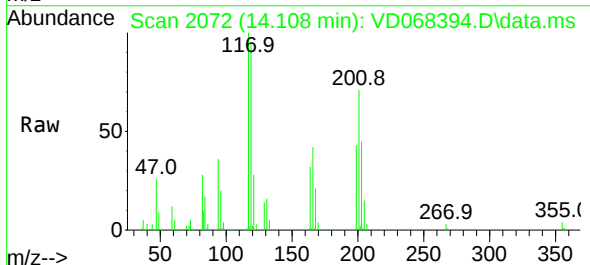
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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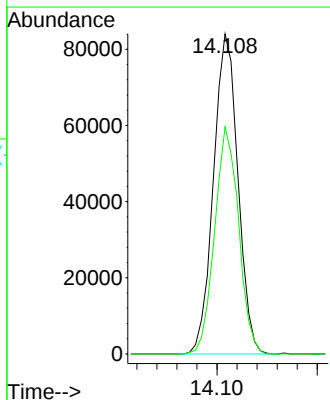
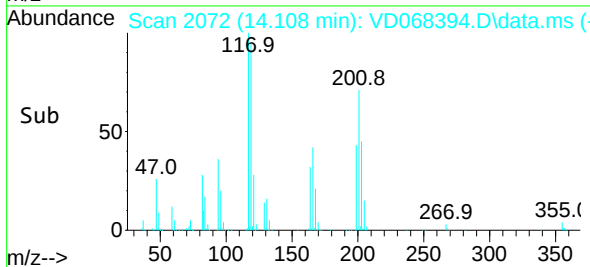
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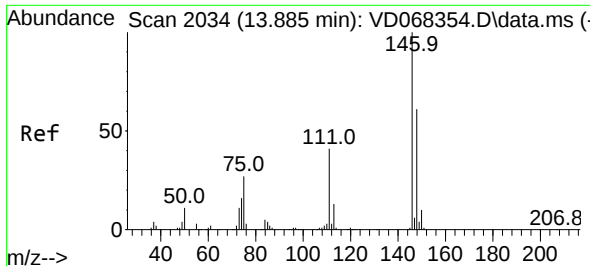


#90
Hexachloroethane
Concen: 48.56 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



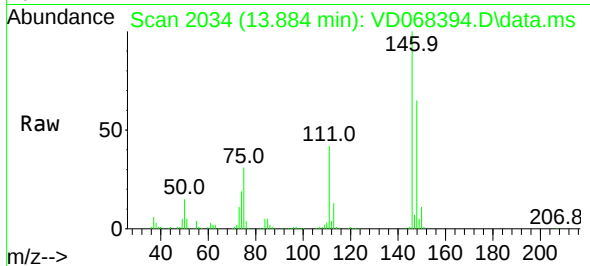
Tgt Ion: 117 Resp: 141777
Ion Ratio Lower Upper
117 100
201 69.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 46.43 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

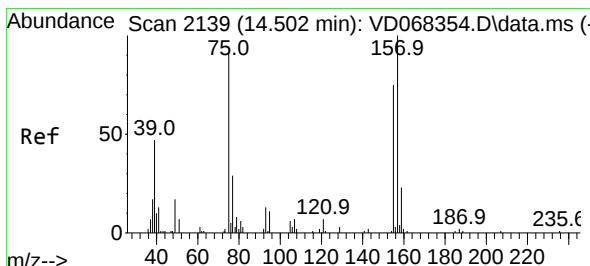
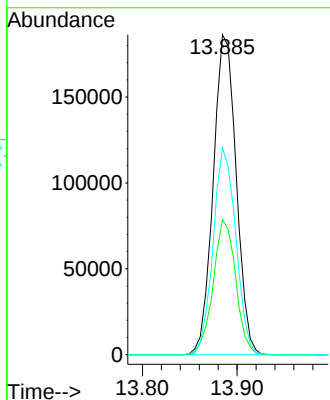
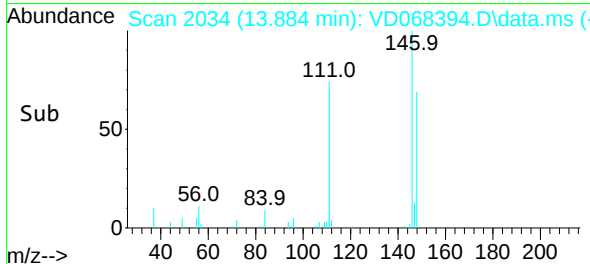
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



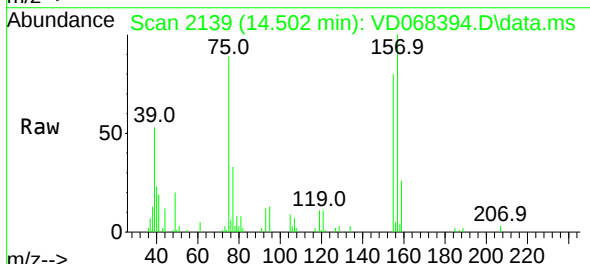
Tgt Ion:146 Resp: 314368
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 63.9 31.7 95.1

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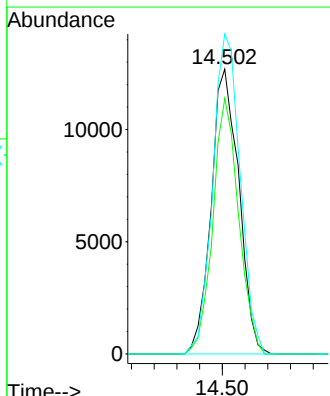
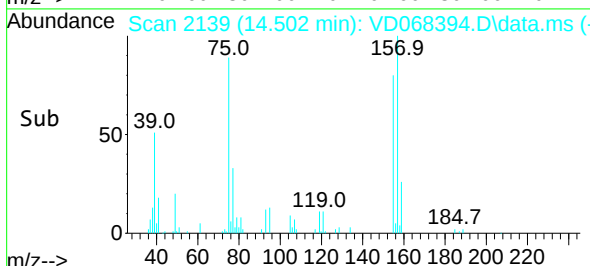
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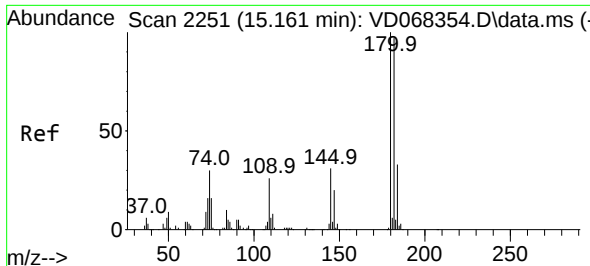


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.84 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54



Tgt Ion: 75 Resp: 21443
Ion Ratio Lower Upper
75 100
155 83.5 48.0 144.2
157 111.4 65.0 194.8





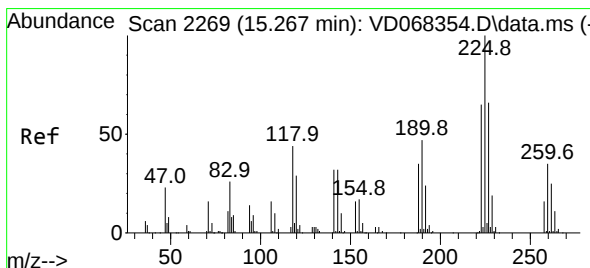
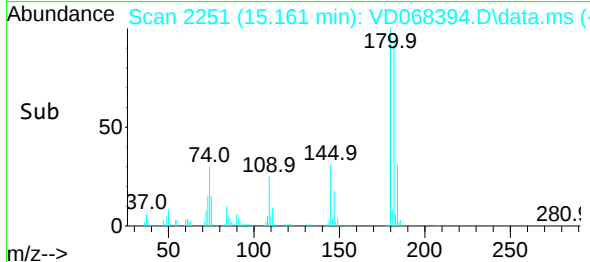
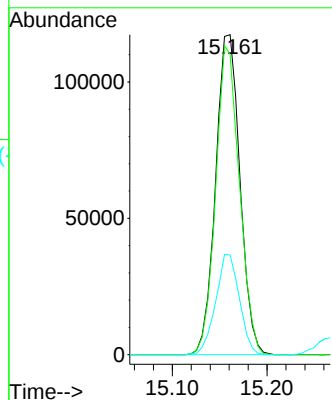
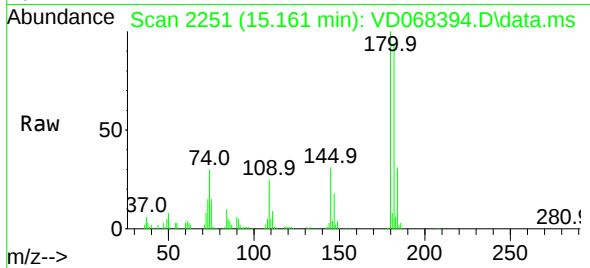
#93
1,2,4-Trichlorobenzene
Concen: 47.24 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:180 Resp: 209493
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.4
145 30.5 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

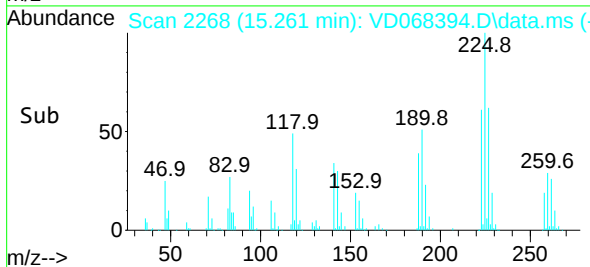
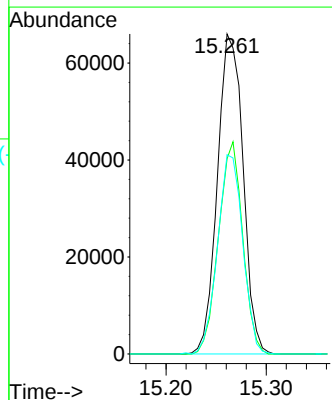
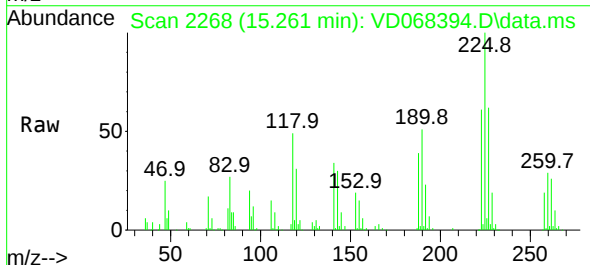
Manual Integrations
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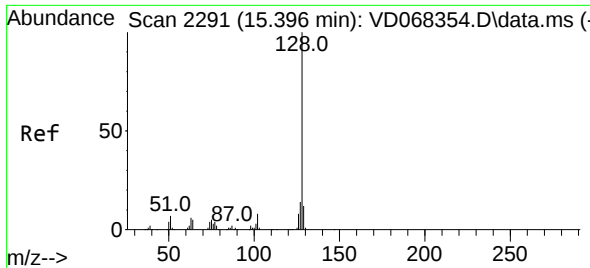
MMDadoda
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#94
Hexachlorobutadiene
Concen: 48.03 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:225 Resp: 117161
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.5
227 61.4 32.1 96.5





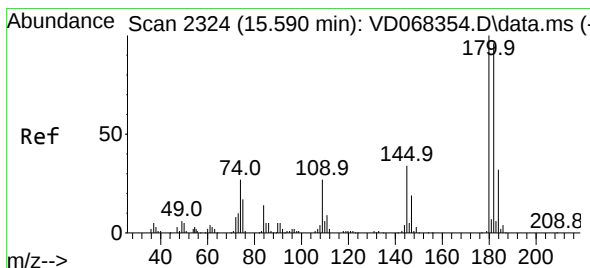
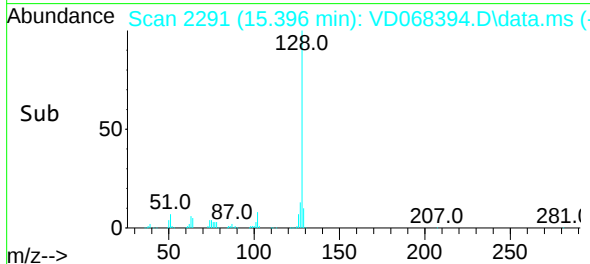
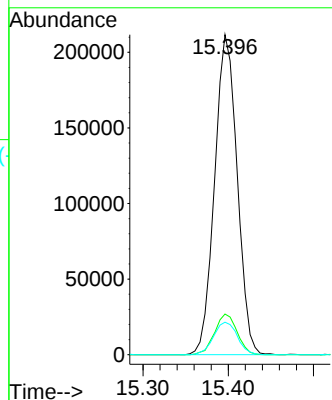
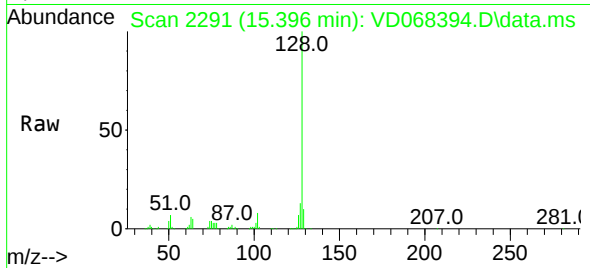
#95
Naphthalene
Concen: 47.22 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:128 Resp: 389330
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/22/2021 4:58:01 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.59 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068394.D
Acq: 19 Feb 2021 11:54

Tgt Ion:180 Resp: 180233
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.8
145 31.7 16.7 50.1

